

An aerial photograph of Aquidneck Island, Rhode Island, showing a proposed passenger rail and bicycle path. The path is a green line running along the coastline, bordered by a stone wall on the water side. The background shows a mix of residential areas, green fields, and industrial buildings under a clear blue sky.

# **AQUIDNECK ISLAND PASSENGER RAIL/ BICYCLE PATH PROJECT**

Towns of Tiverton, Middletown, and Portsmouth and  
City of Newport, Rhode Island

## **TASK II DESIGN CONCEPT REPORT**

### **APPENDICES**

September 2002



**AQUIDNECK ISLAND PASSENGER RAIL/BICYCLE PATH PROJECT  
TOWNS OF TIVERTON, MIDDLETOWN, AND PORTSMOUTH AND  
CITY OF NEWPORT, RHODE ISLAND**

**Task II  
Design Concept Report**

**APPENDICES**

<b>APPENDIX A</b>	<b>FIGURES</b> Railroad Infrastructure Plans (57 sheets, Refer to Section 2.0) Opportunities and Constraints Plans (10 sheets, Refer to Section 3.0) Concept Plans (7 sheets, Refer to Section 3.0) <i>Rail Corridor</i> <i>Enlargement Plans and Perspectives</i> Environmental Studies (14 sheets, Refer to Section 4.0)
<b>APPENDIX B</b>	<b>PHOTOGRAPHS</b> Photographs taken at the rail corridor during inspections (Refer to Section 4.5)
<b>APPENDIX C</b>	<b>CORRESPONDENCE WITH RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT</b> Letter received from Rhode Island Natural Heritage Program (Refer to Section 4.2)



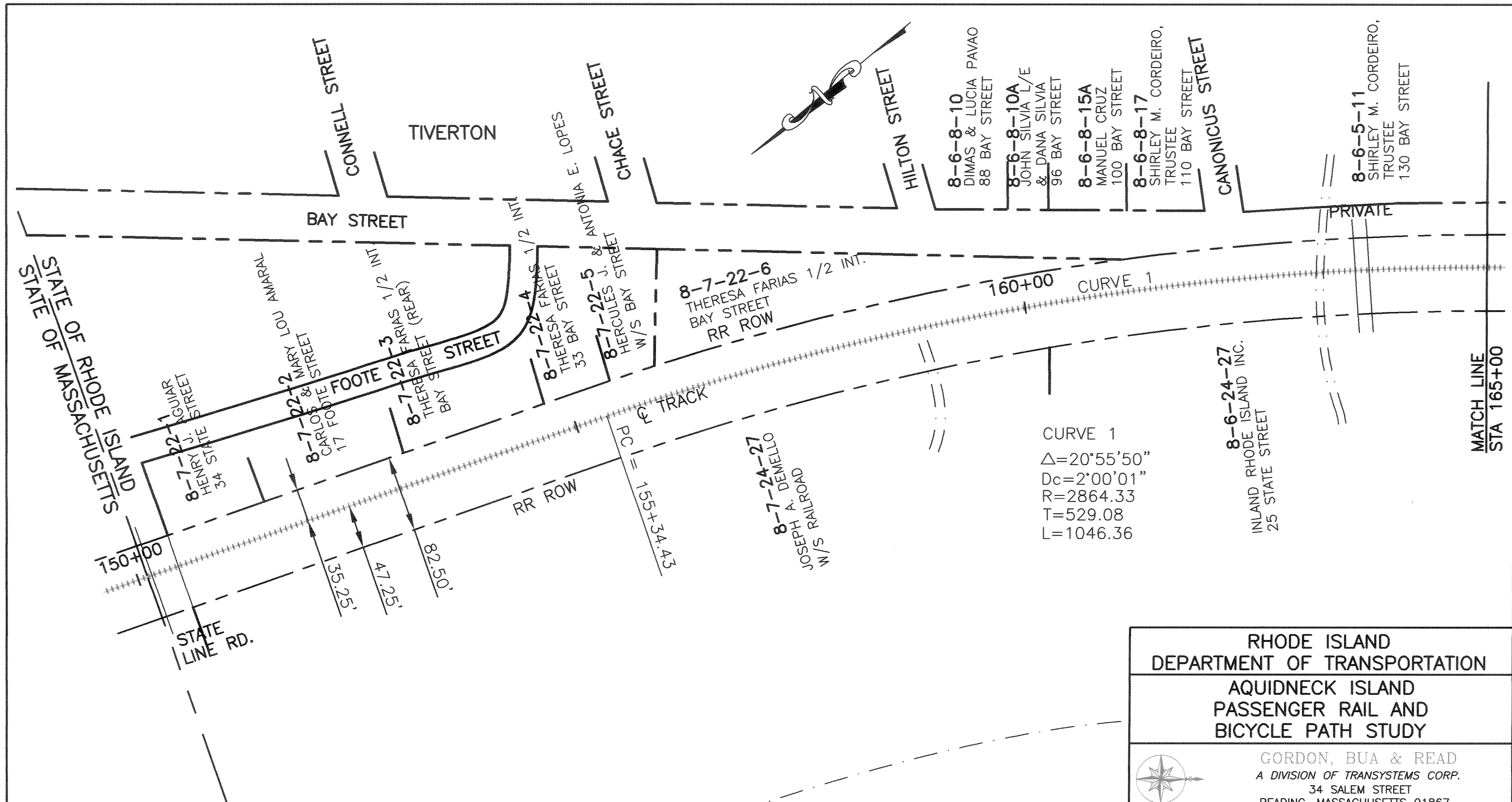
**APPENDIX A**  
**FIGURES**

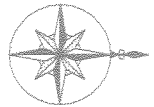


**Railroad Infrastructure Plans**

57 sheets





RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
 <p>GORDON, BUA &amp; READ A DIVISION OF TRANSYSTEMS CORP. 34 SALEM STREET READING, MASSACHUSETTS 01867</p>		
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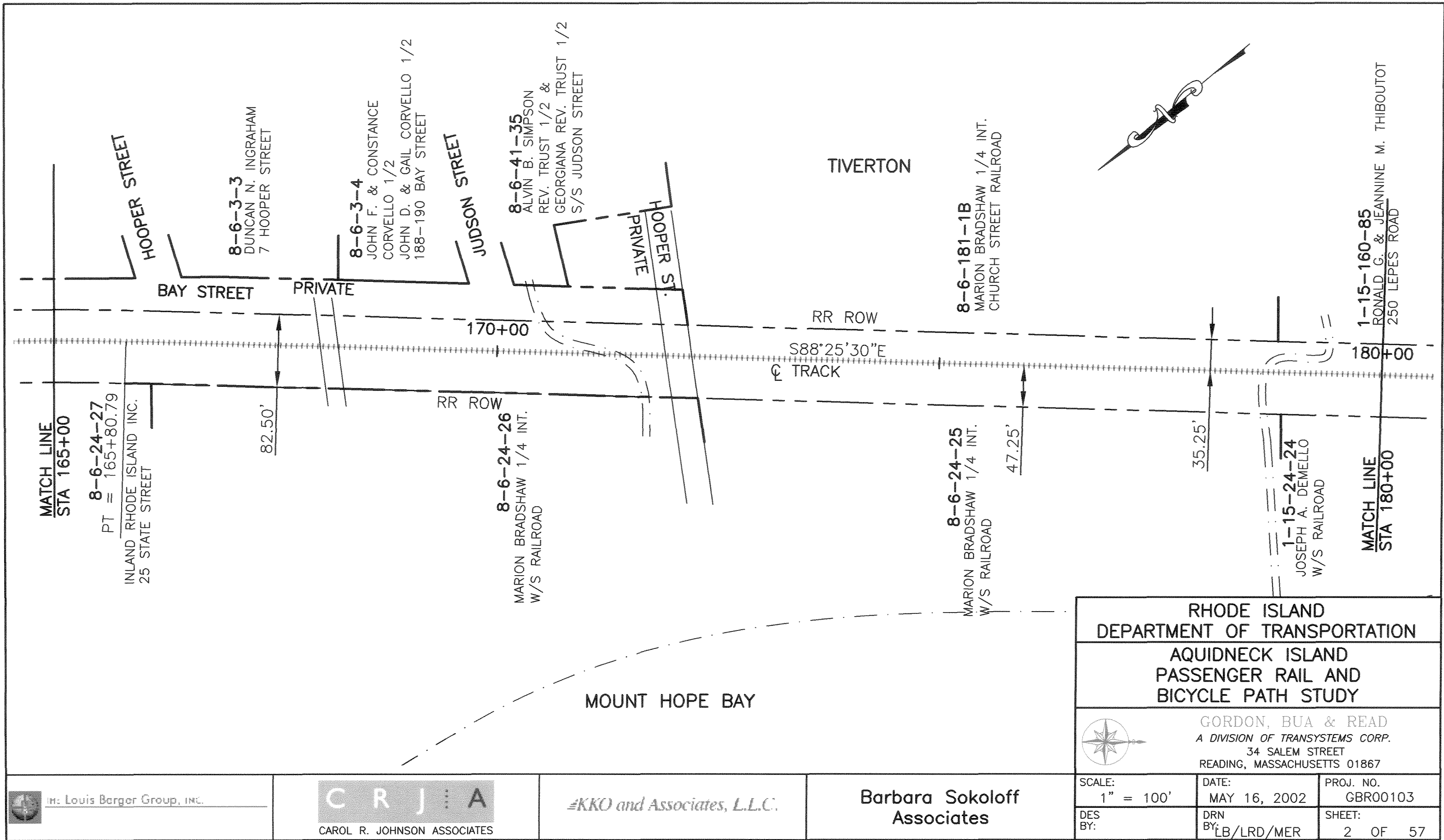
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**Barbara Sokoloff  
Associates**






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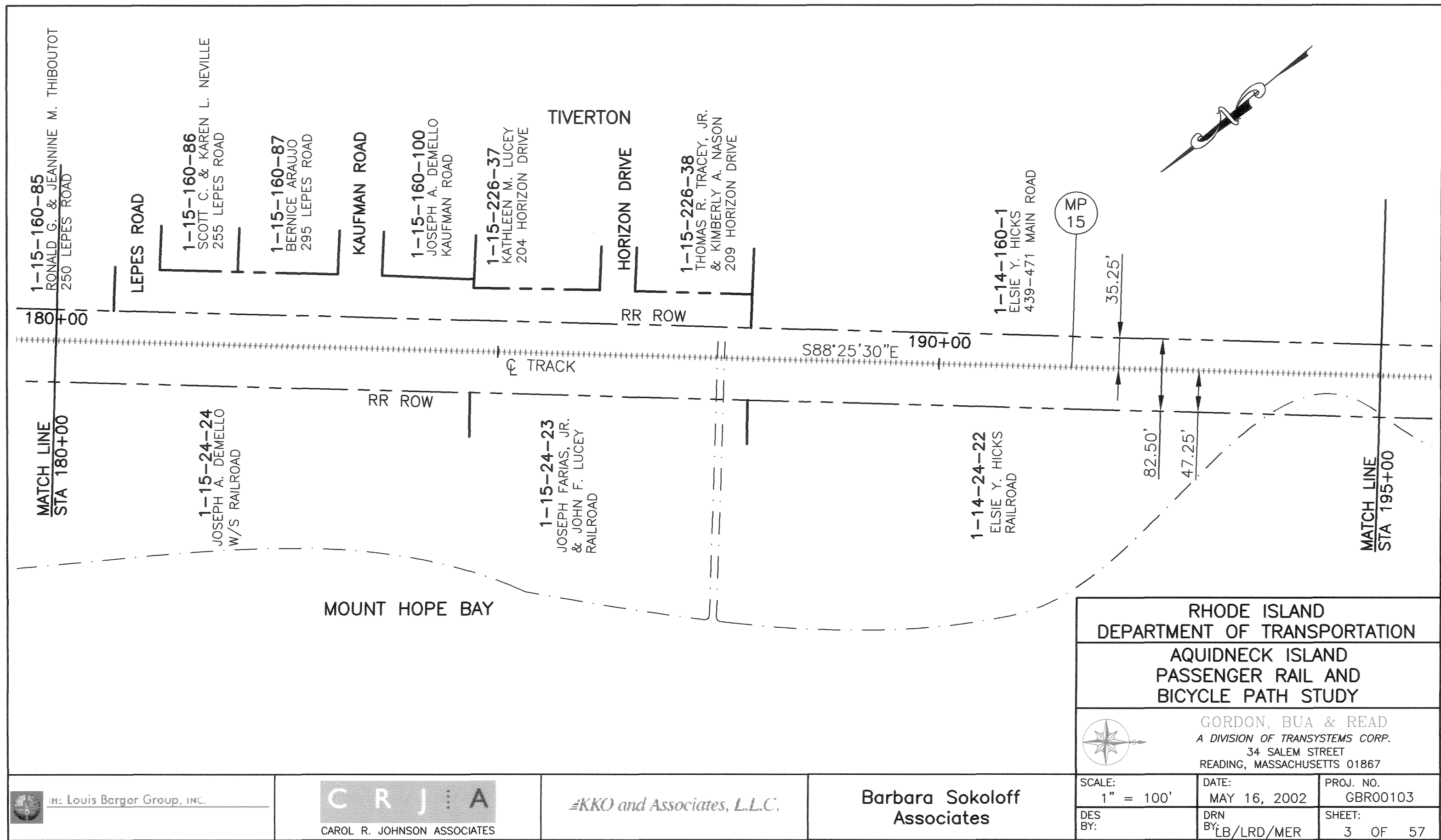
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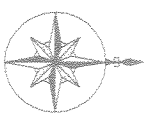
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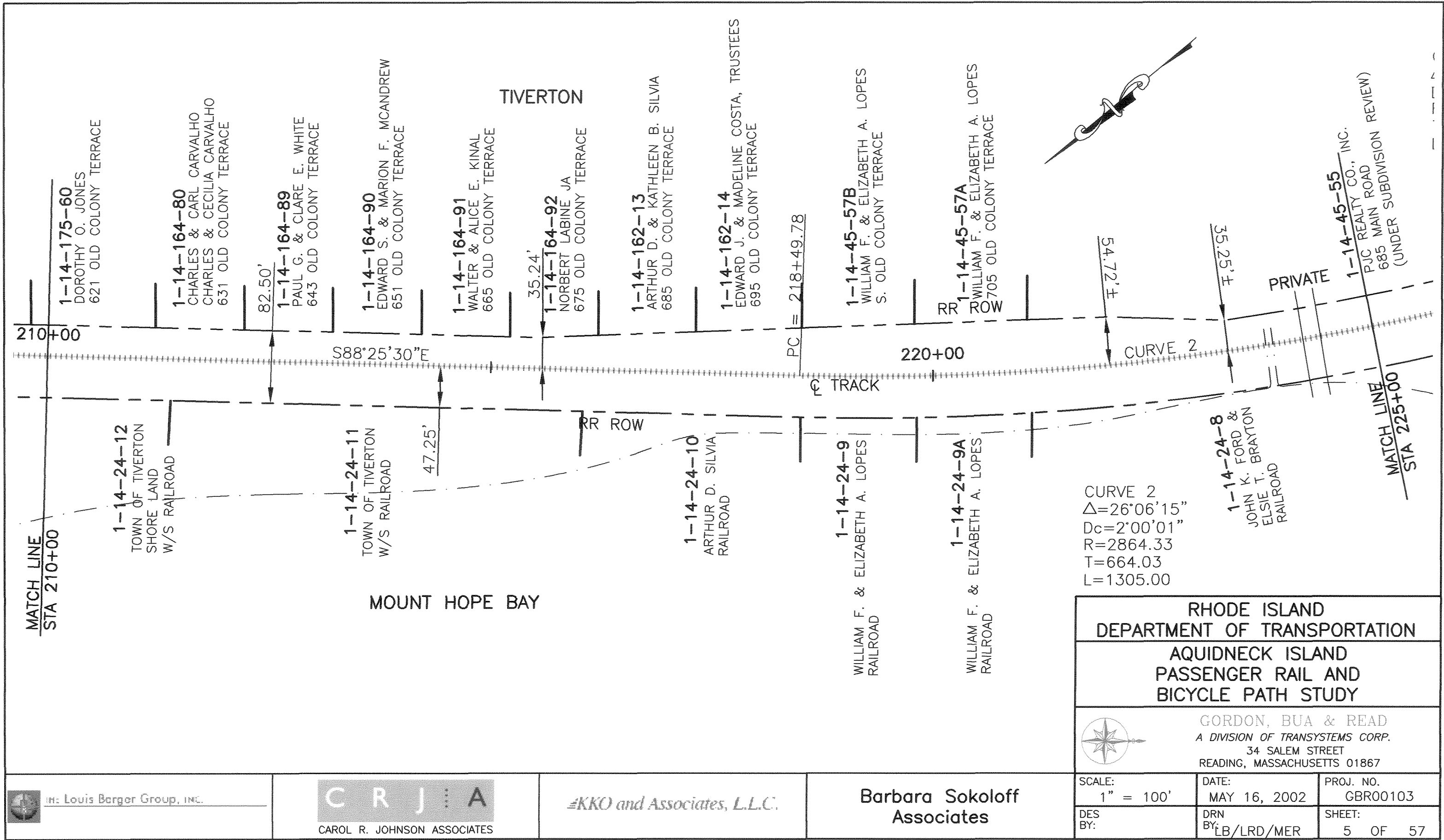


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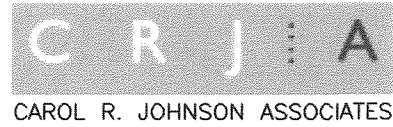
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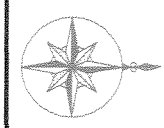
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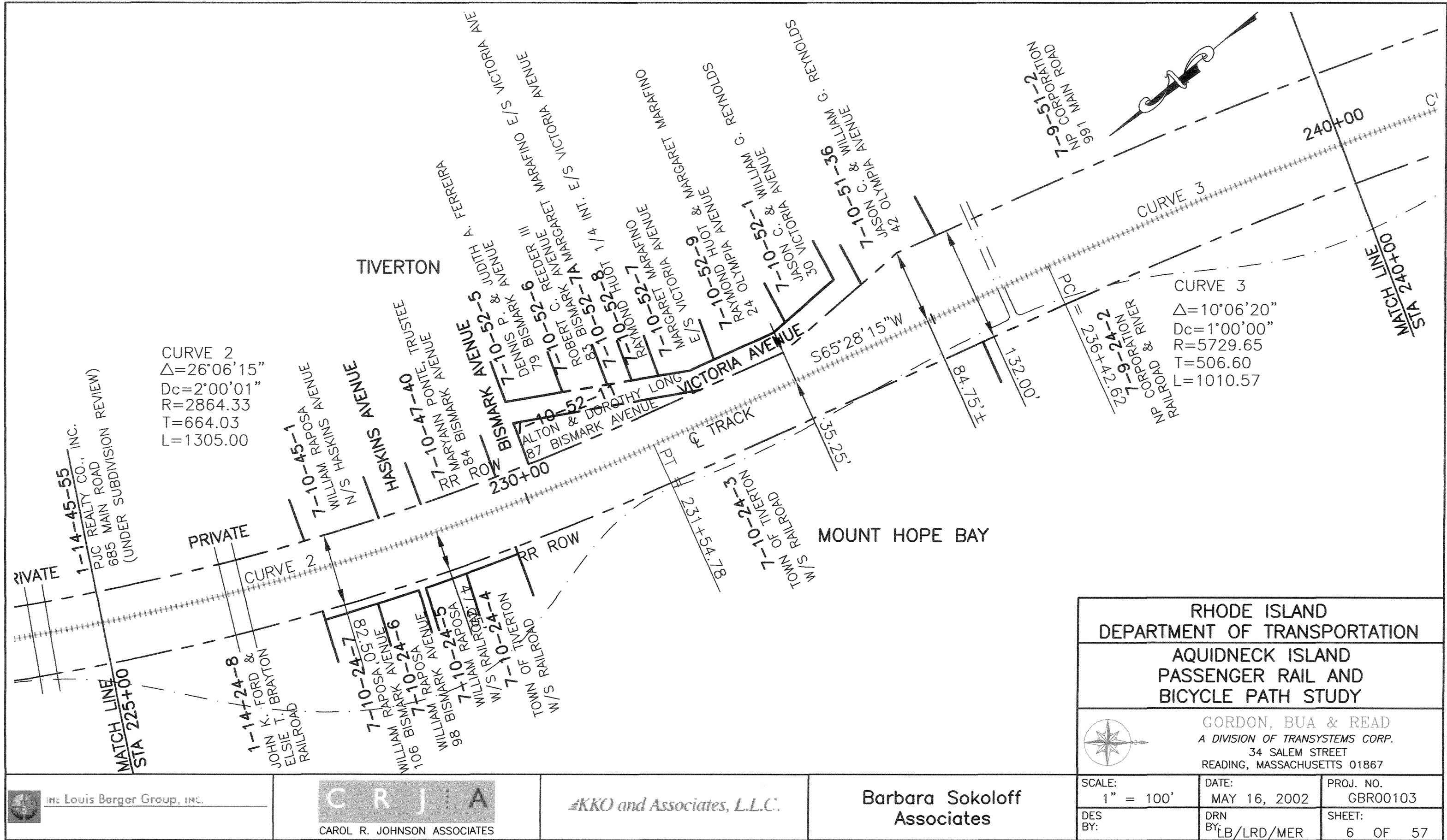
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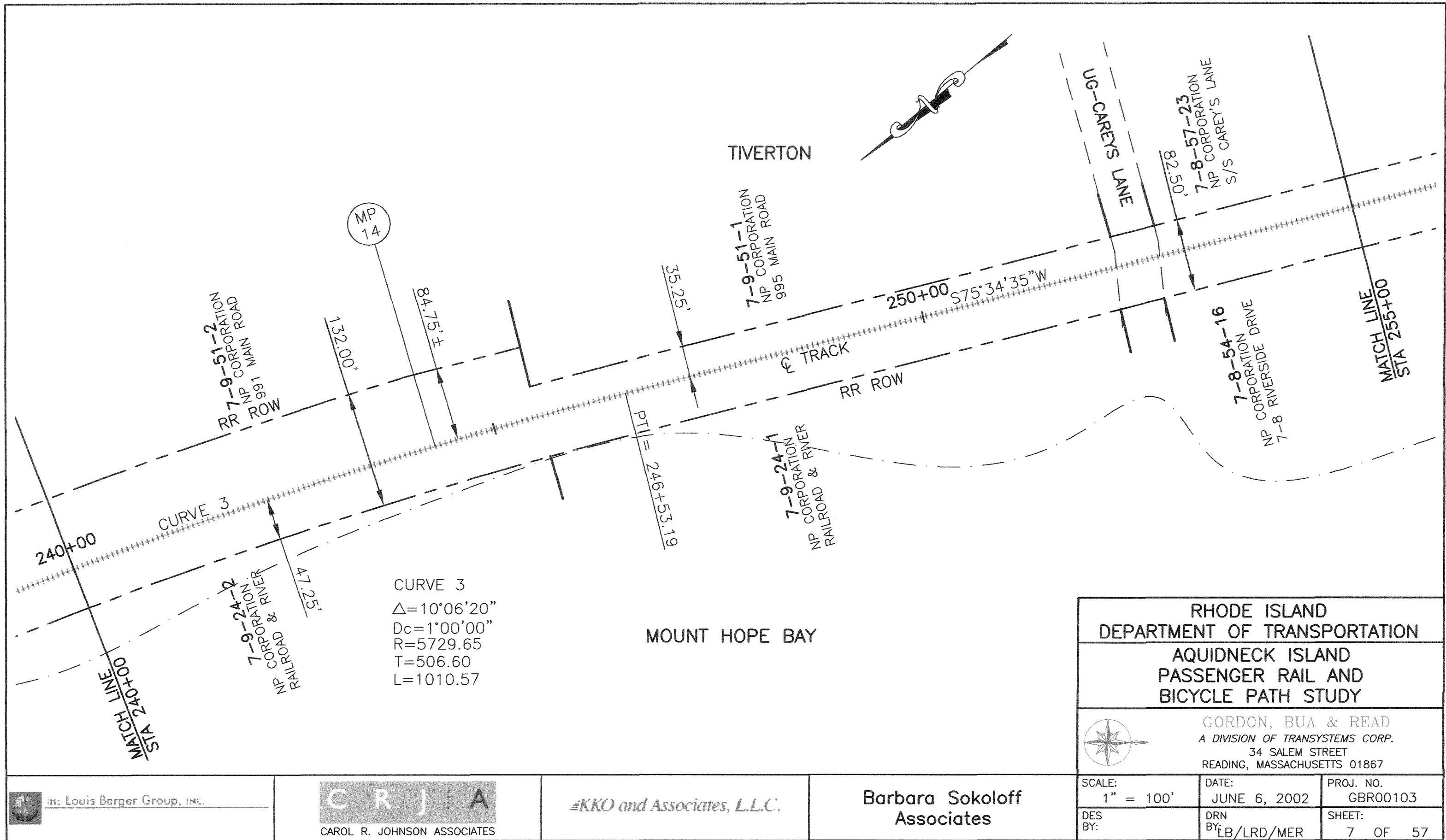



GORDON, BUA & READ  
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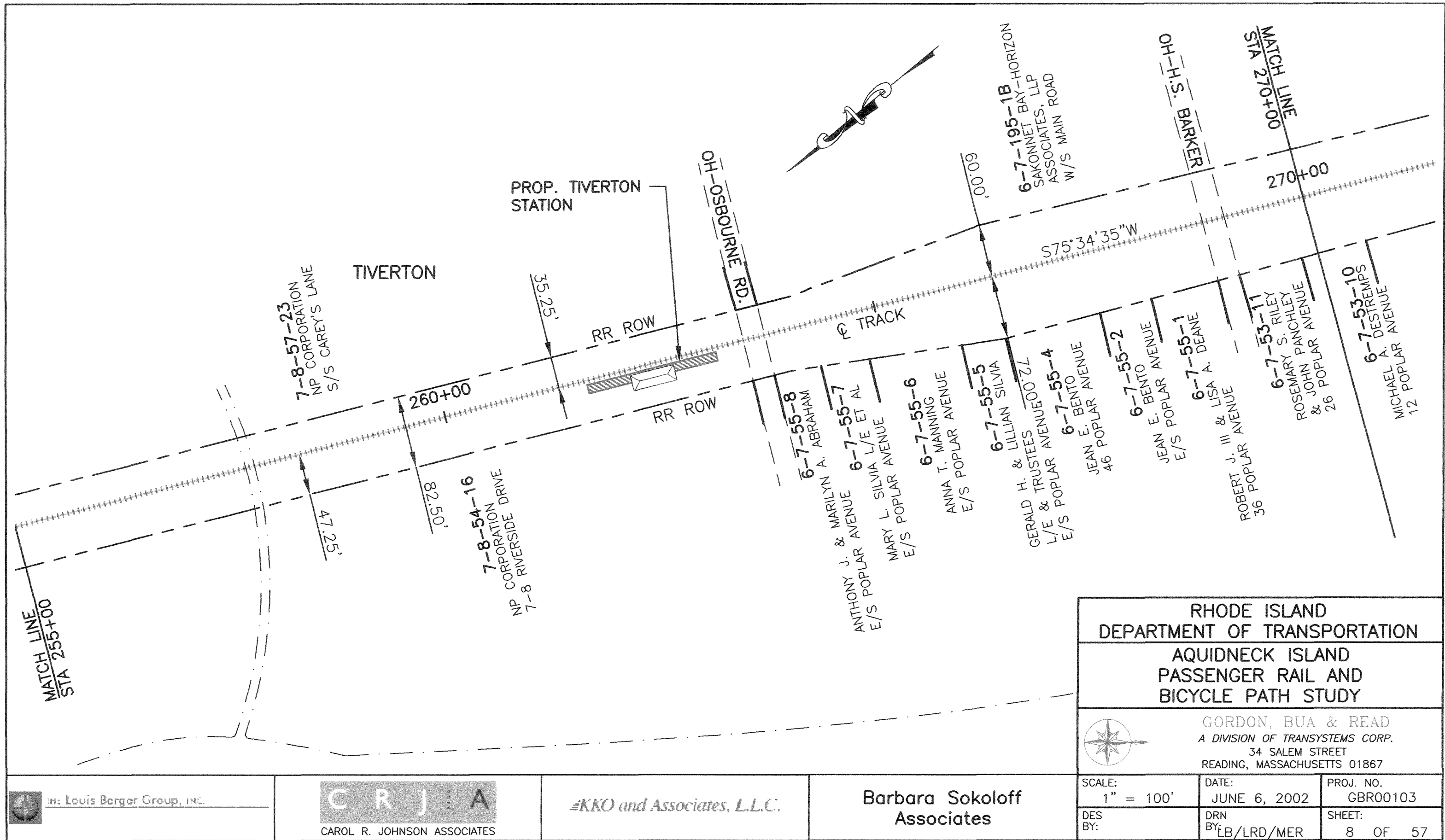
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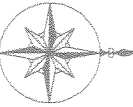
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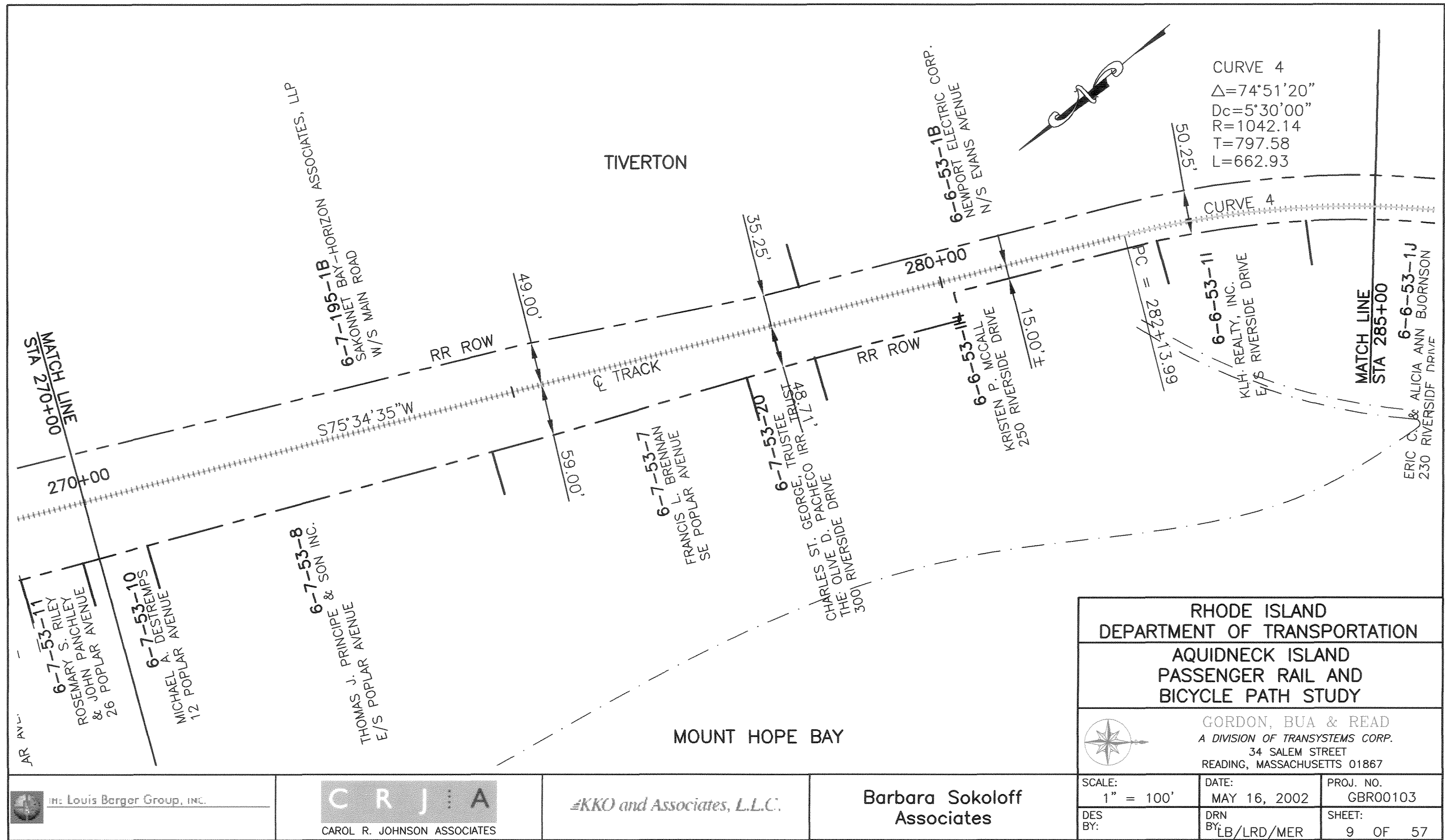
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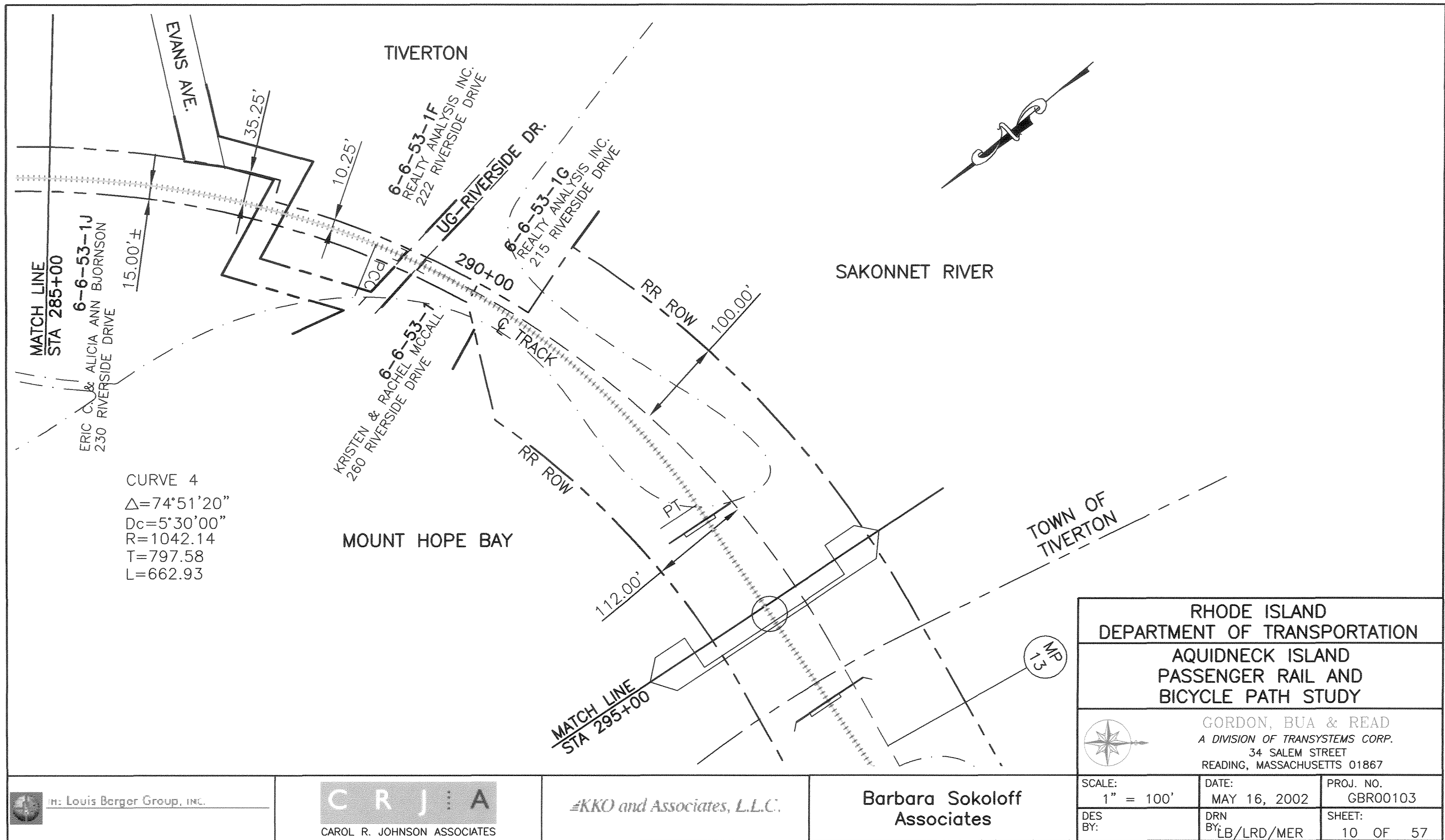
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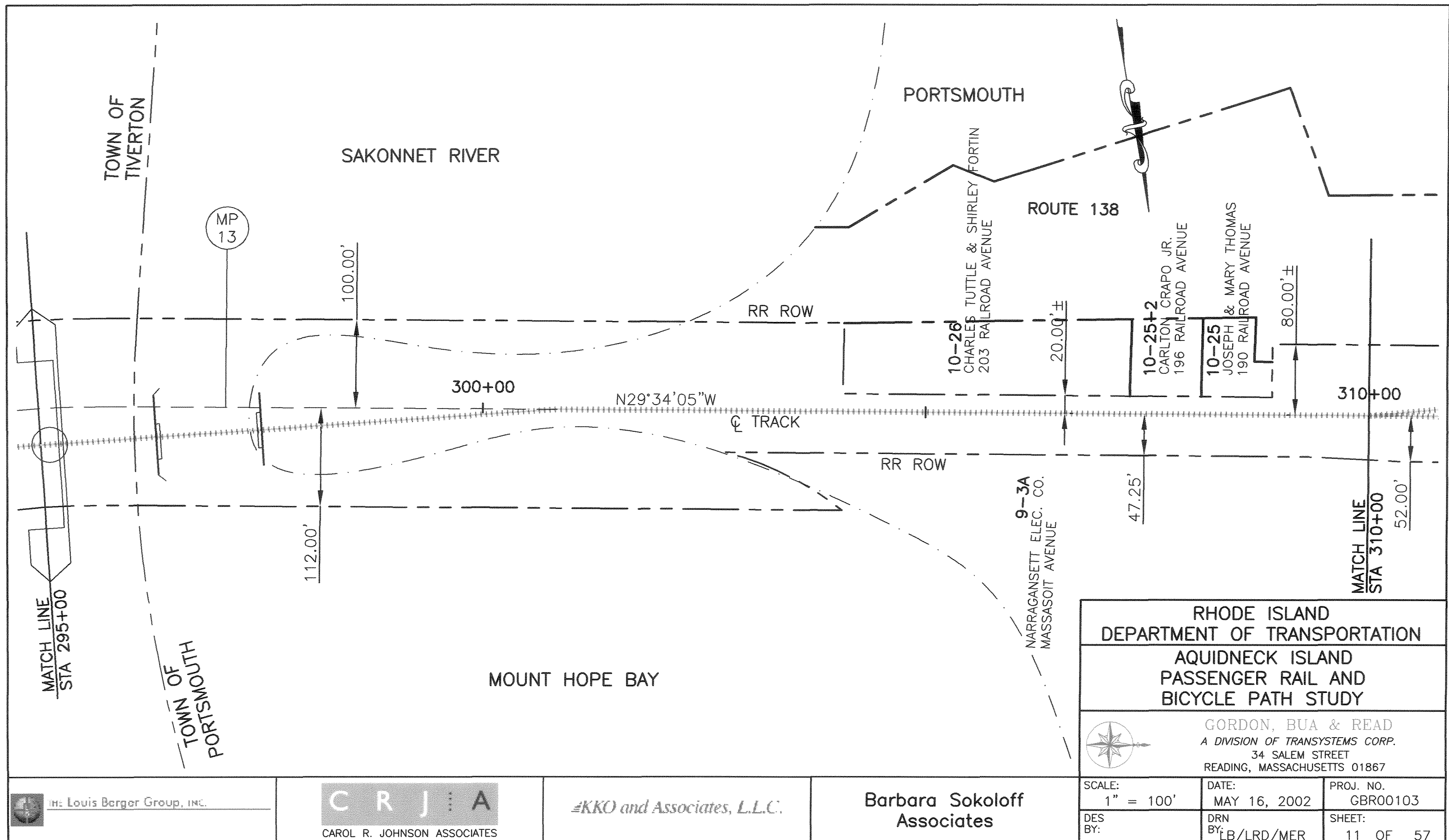
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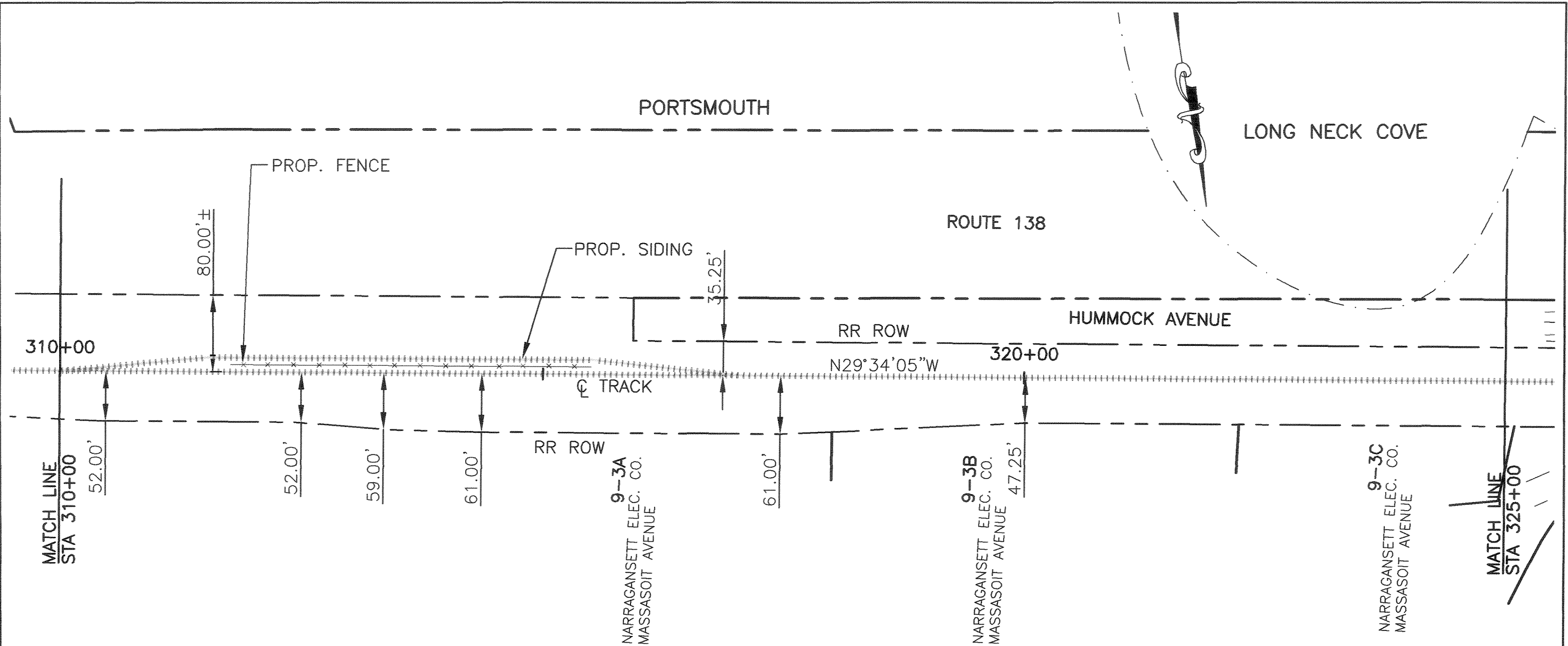
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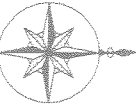
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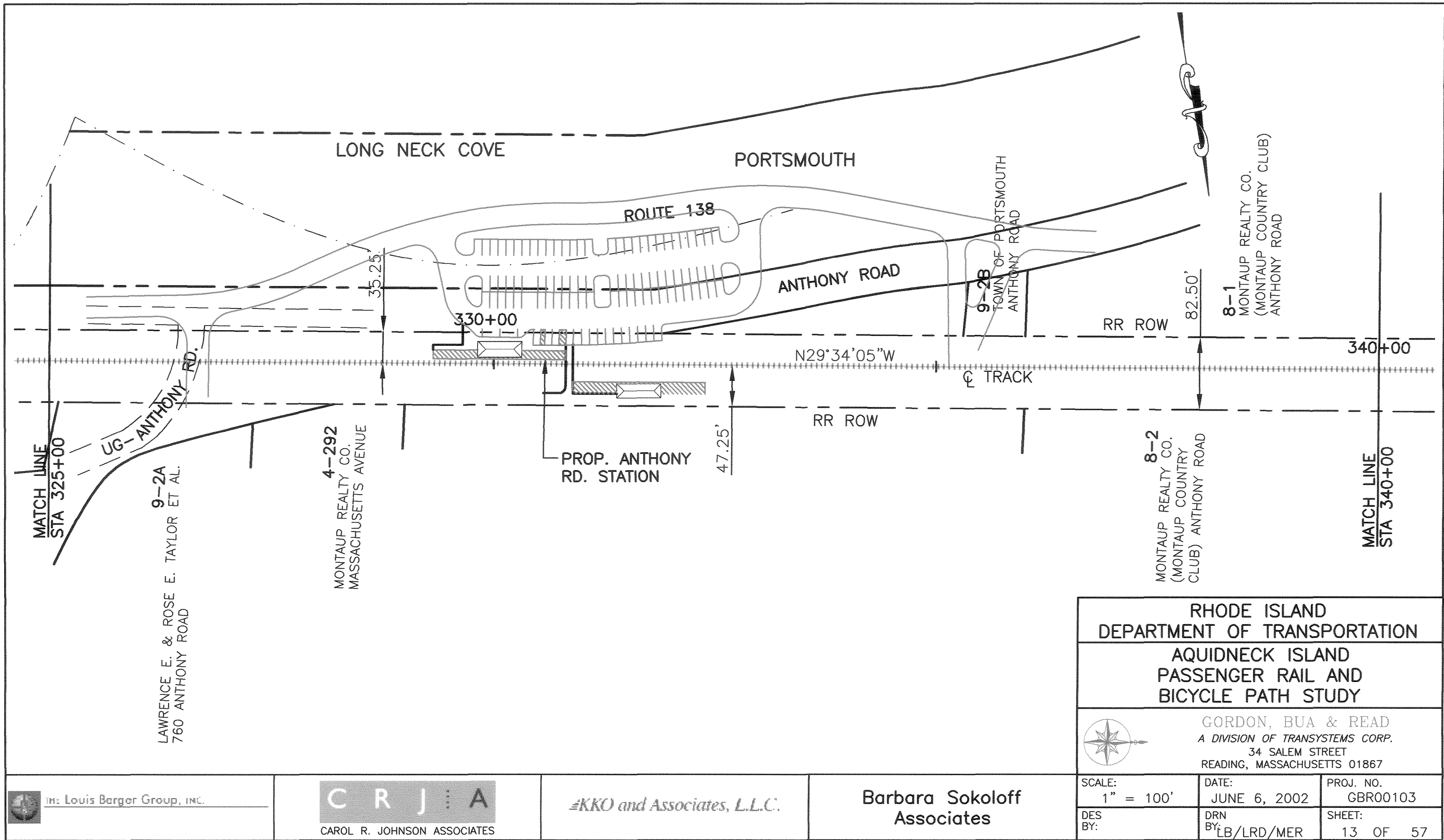
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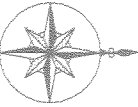
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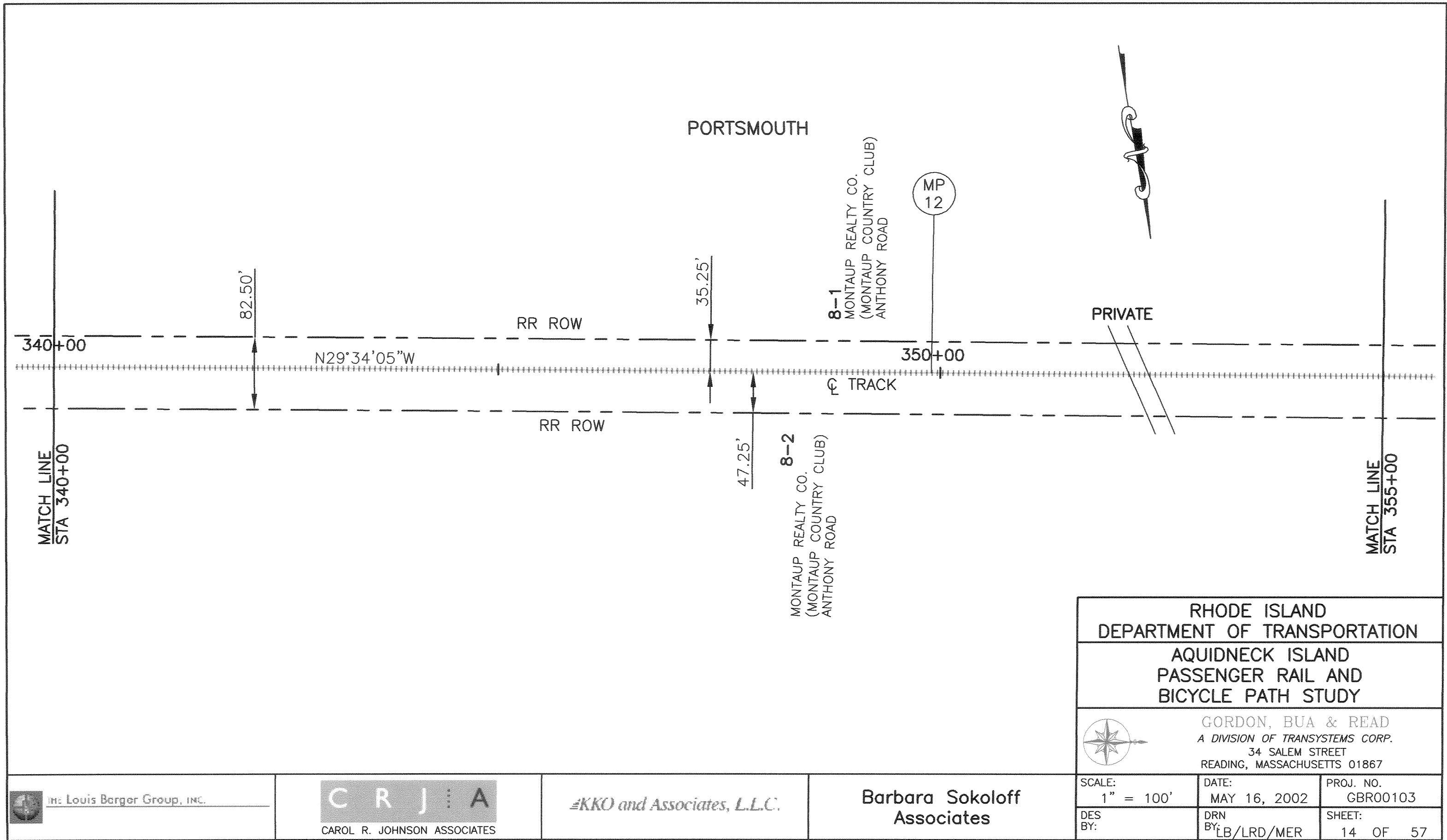


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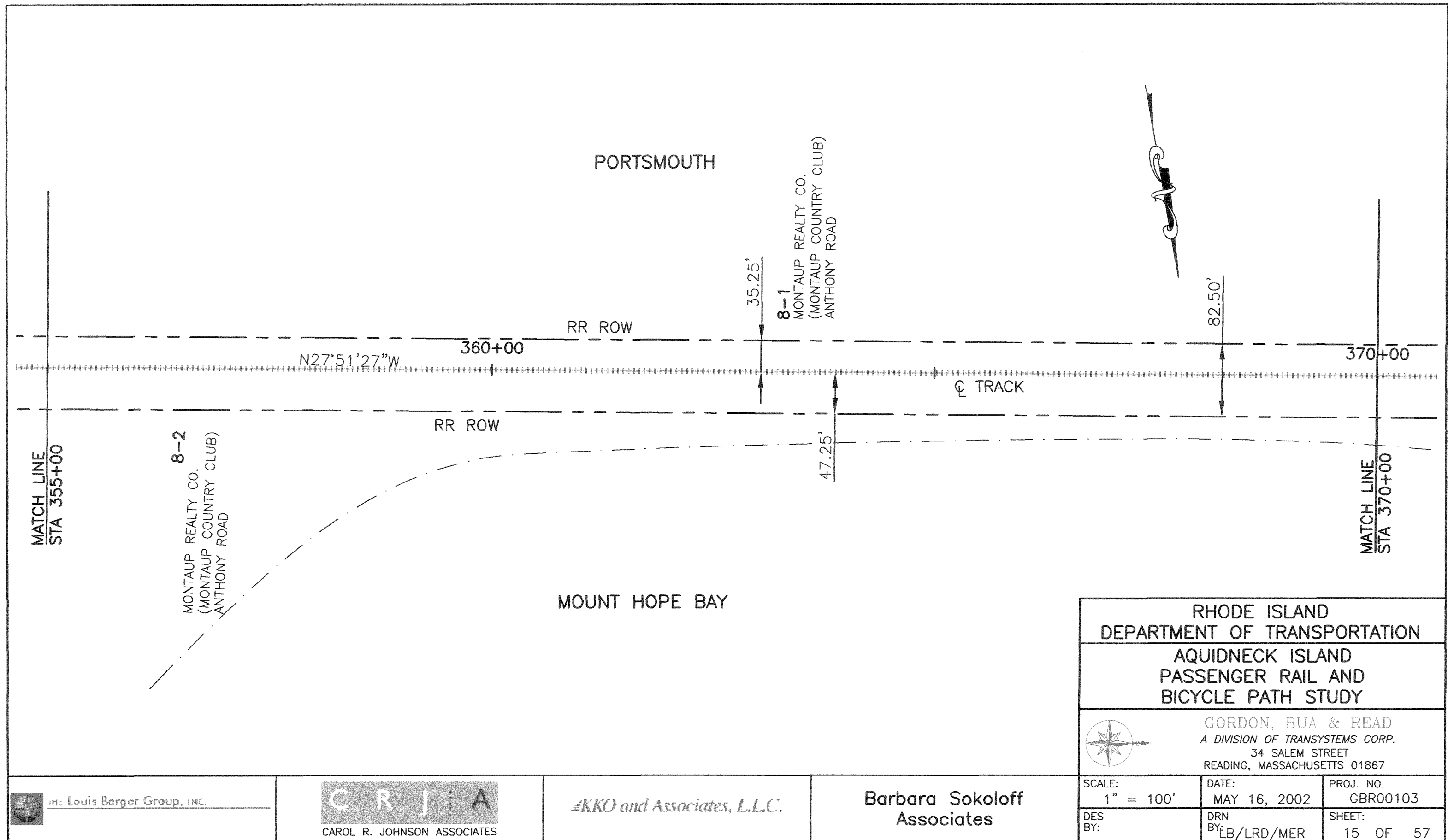
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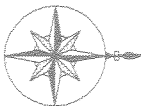


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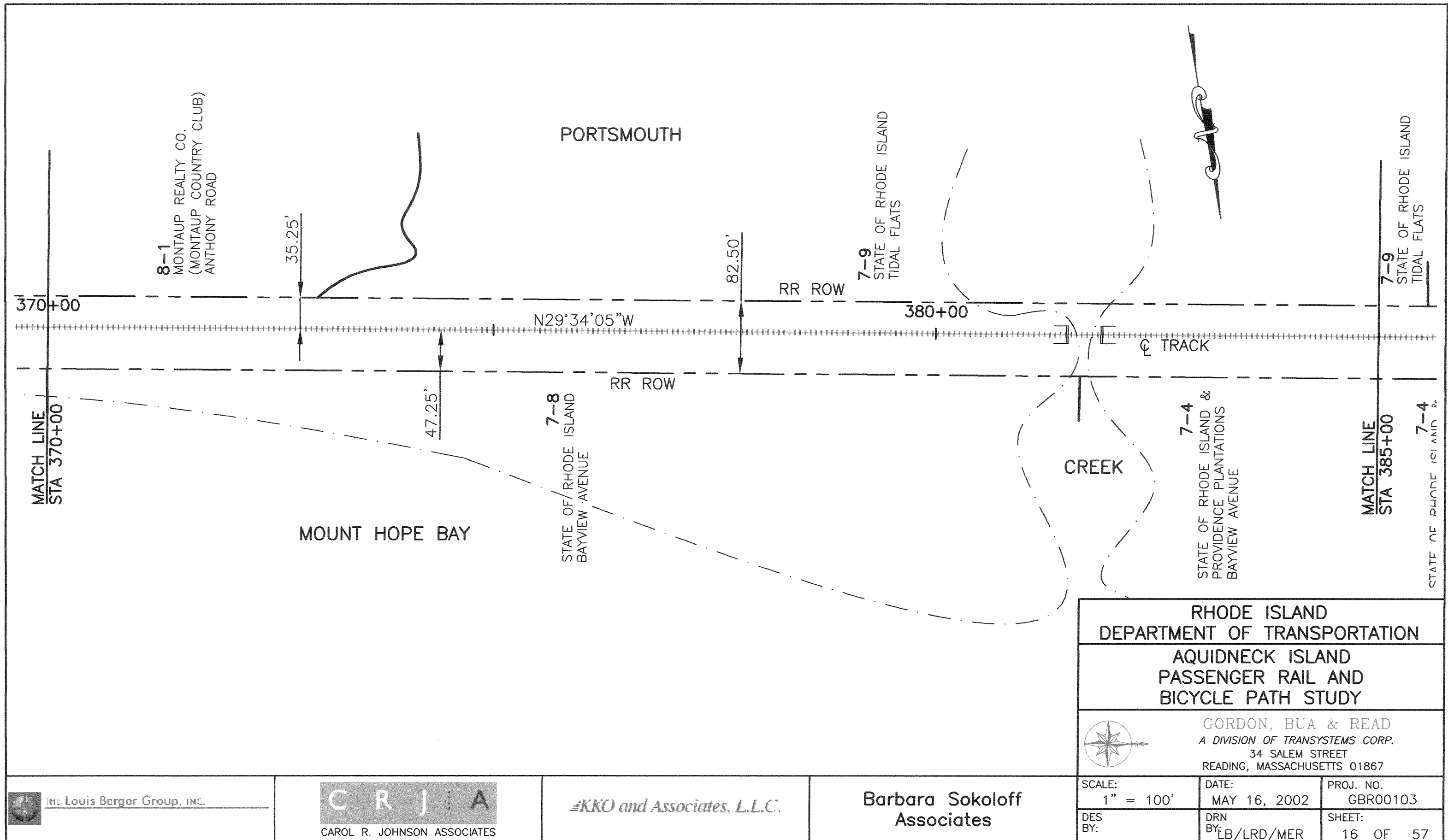
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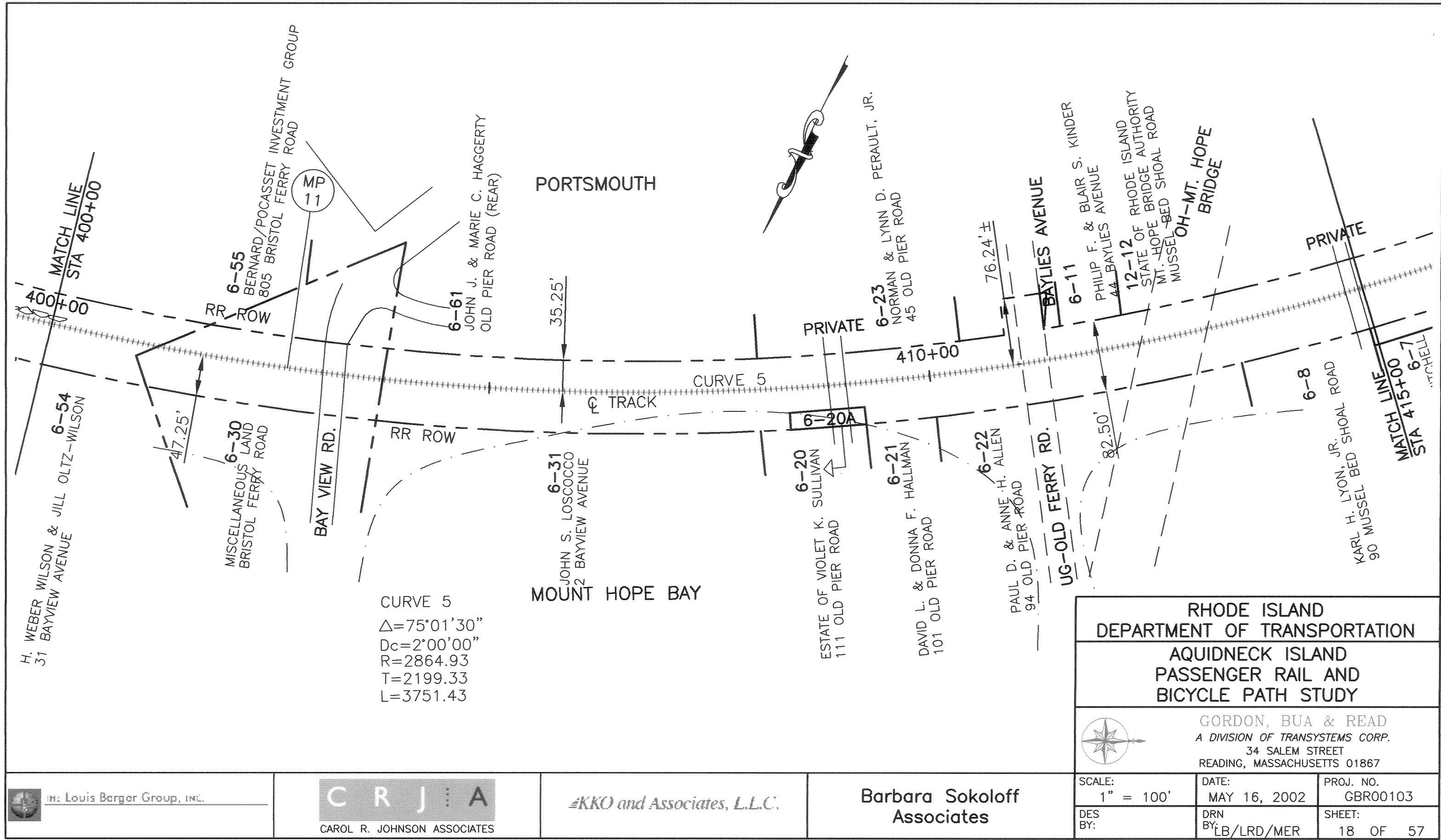
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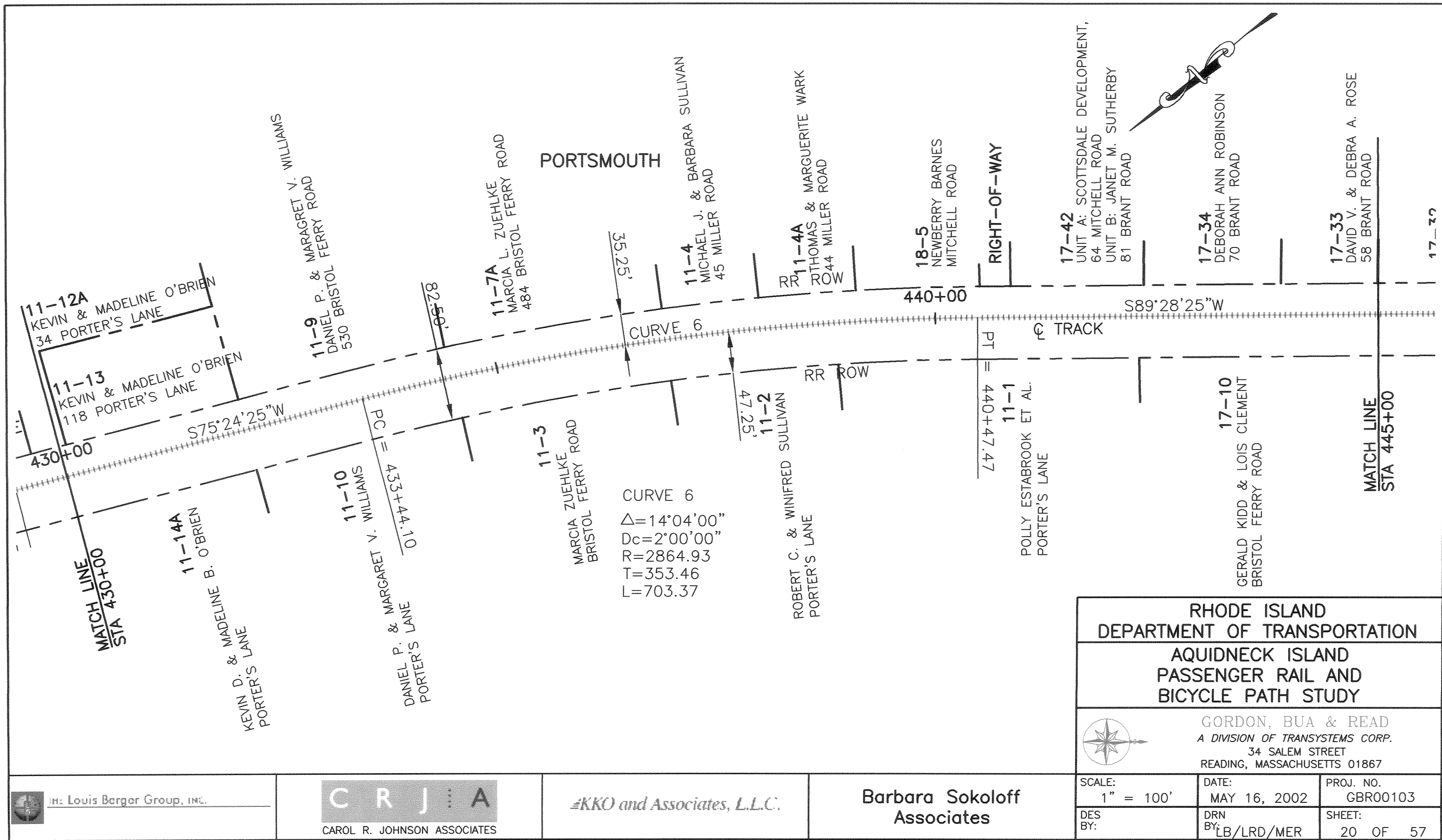
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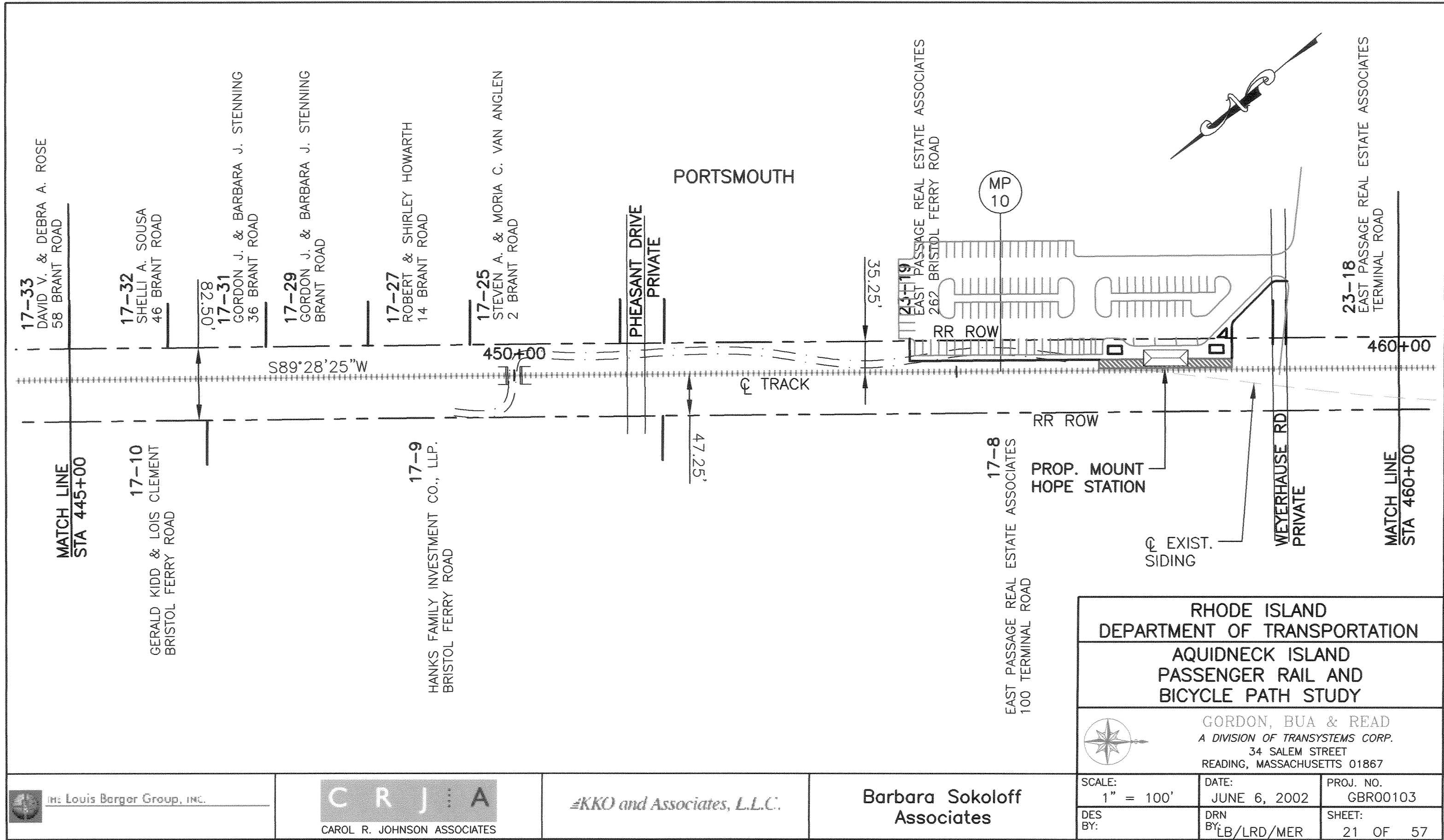
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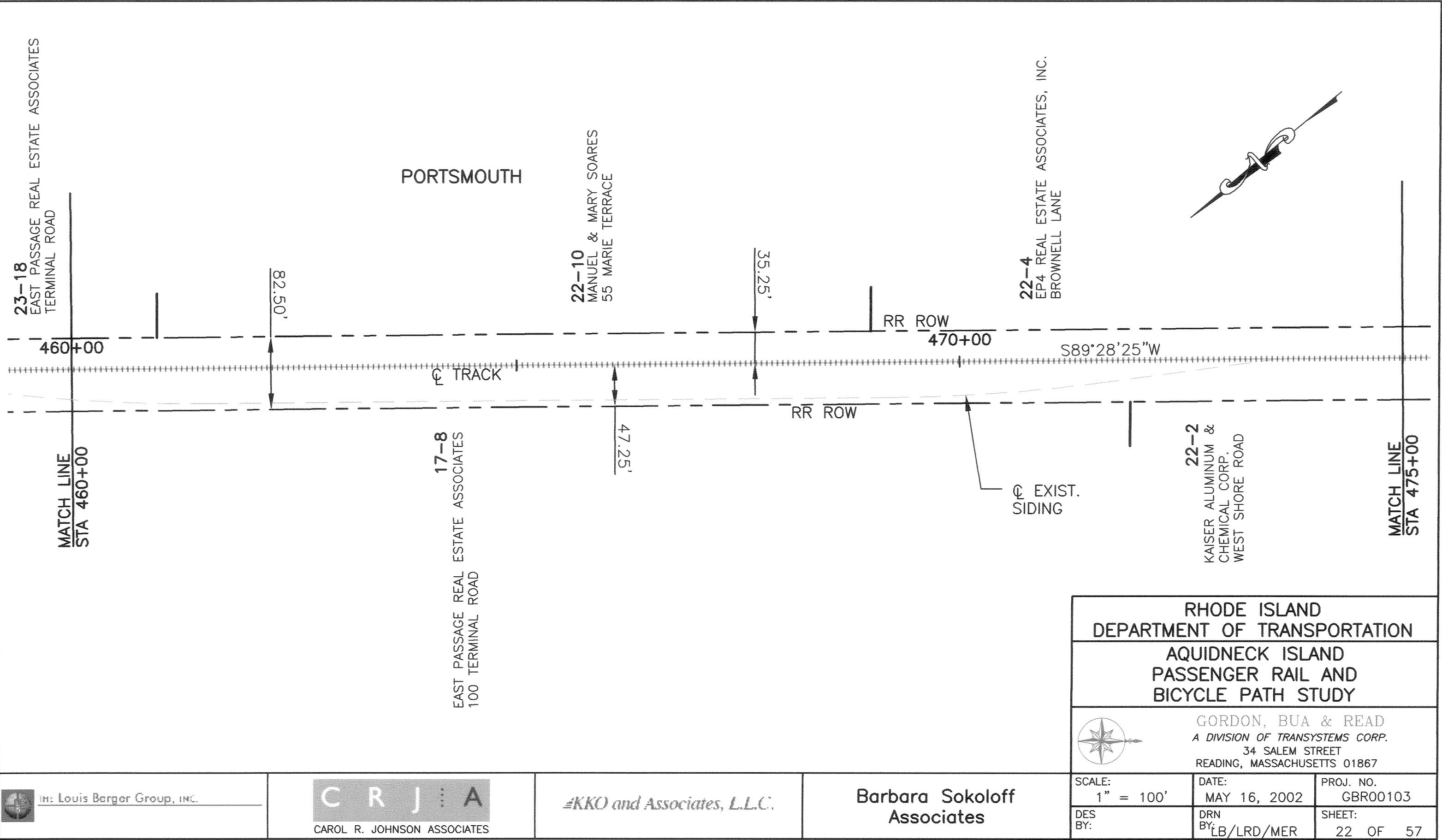
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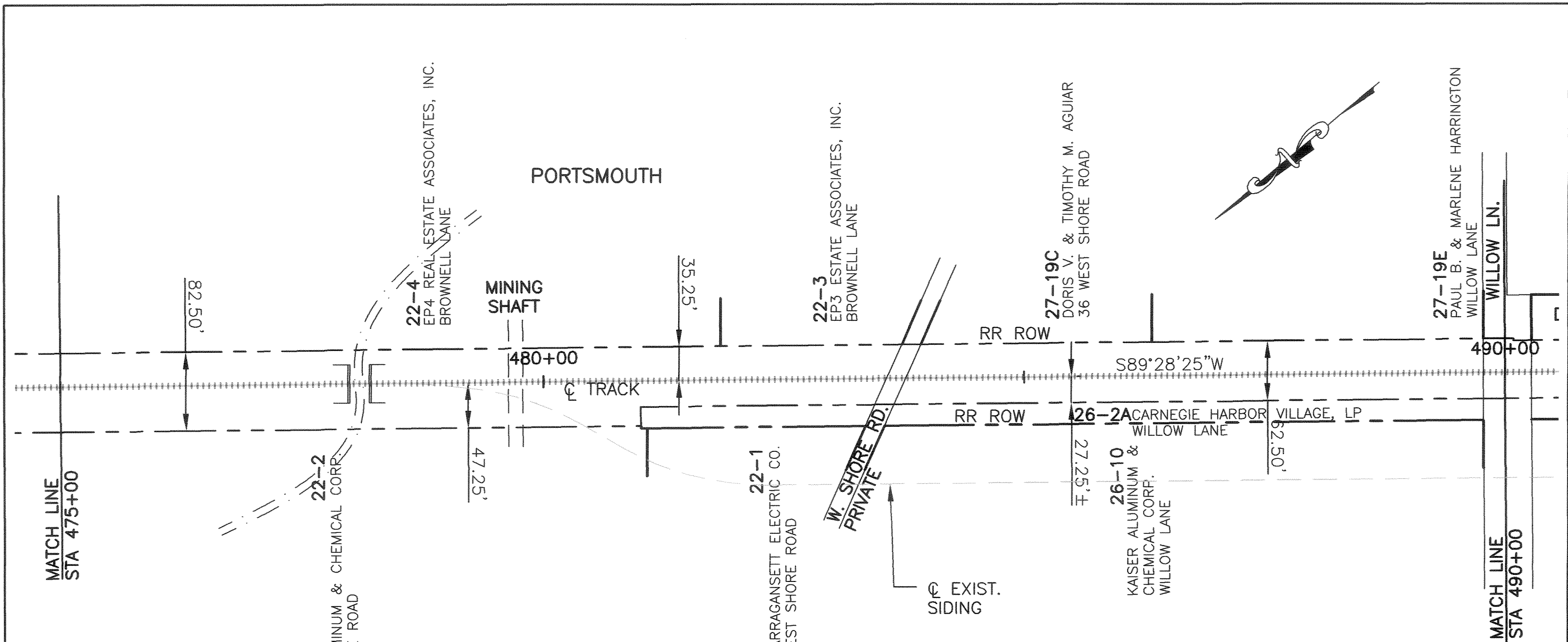
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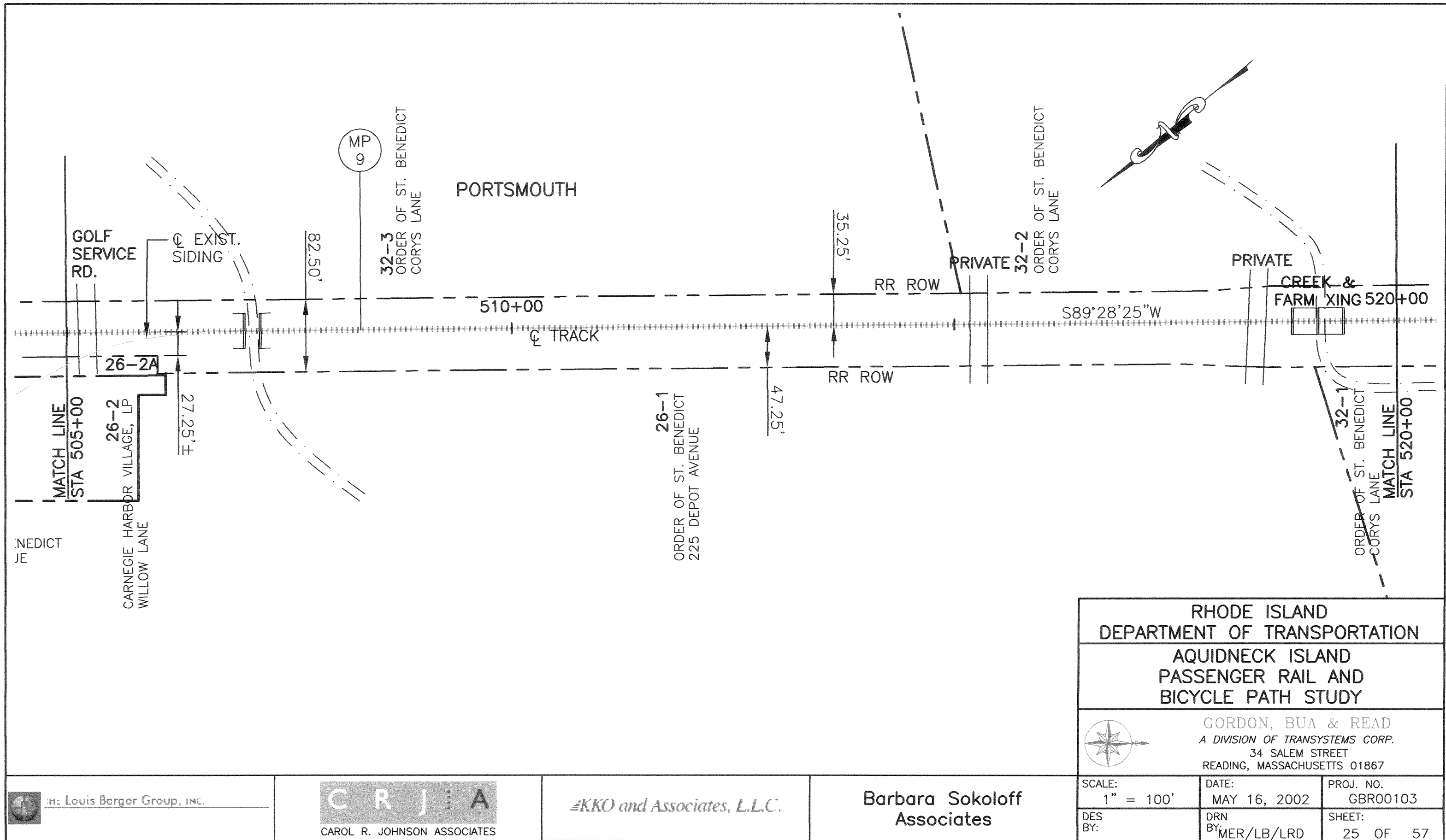


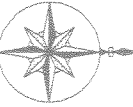



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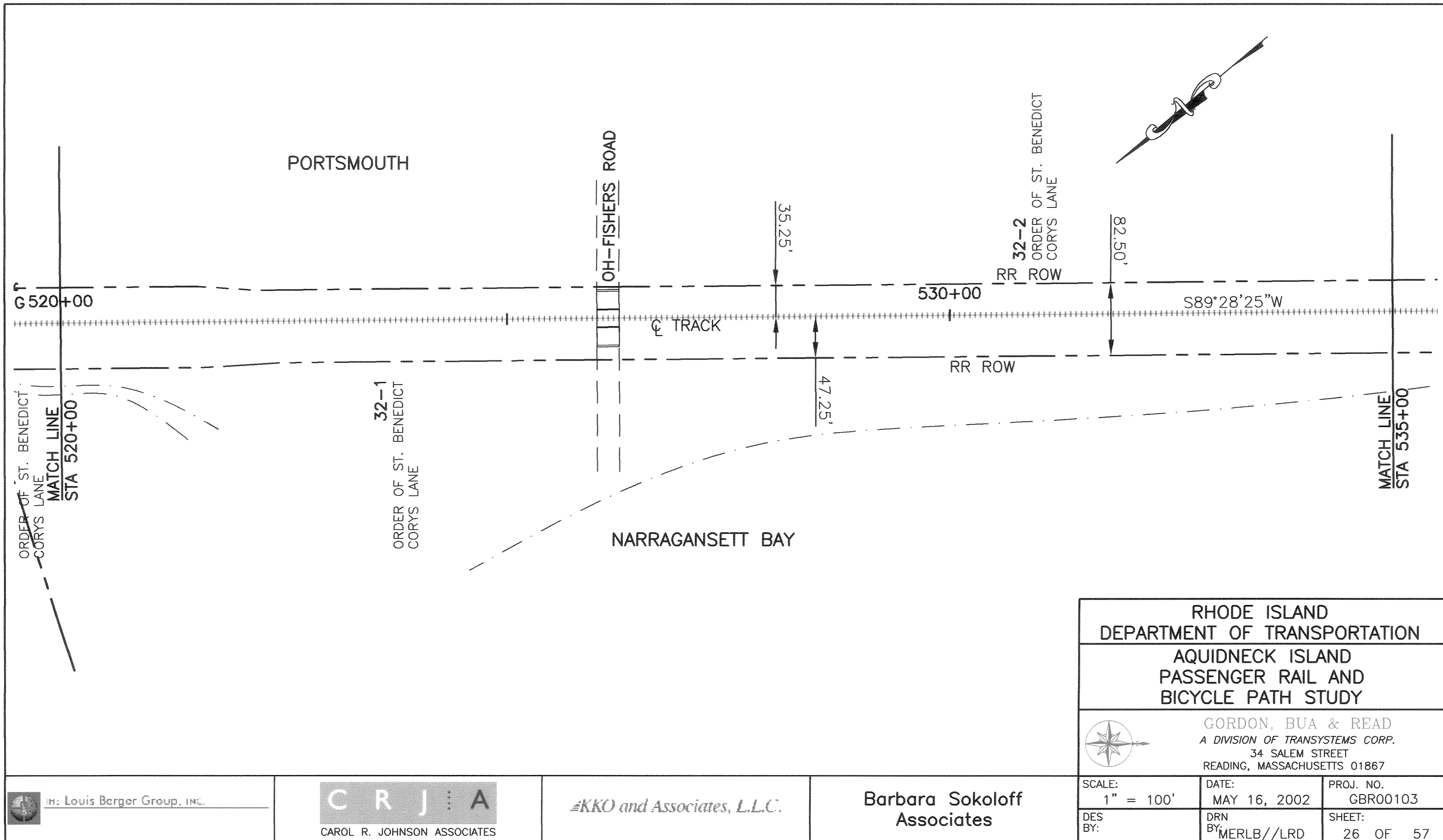
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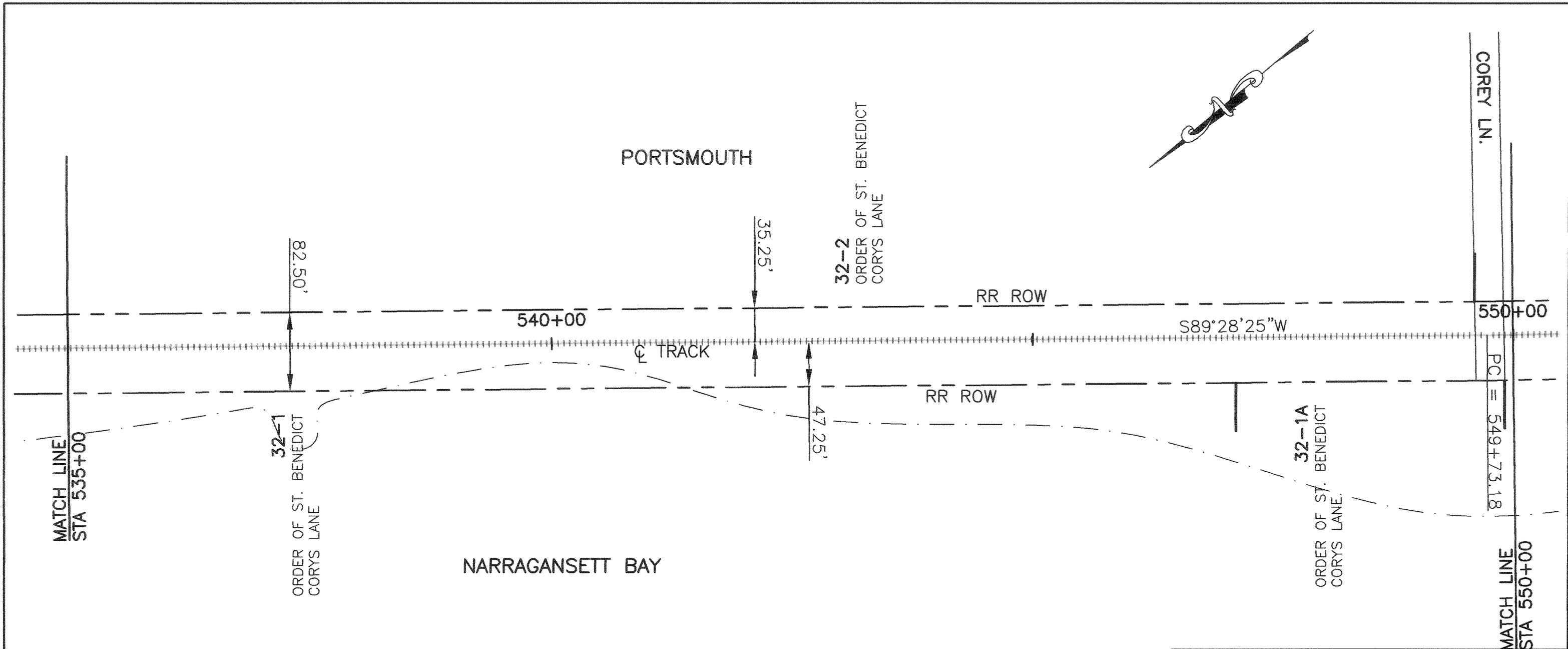
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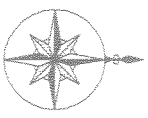
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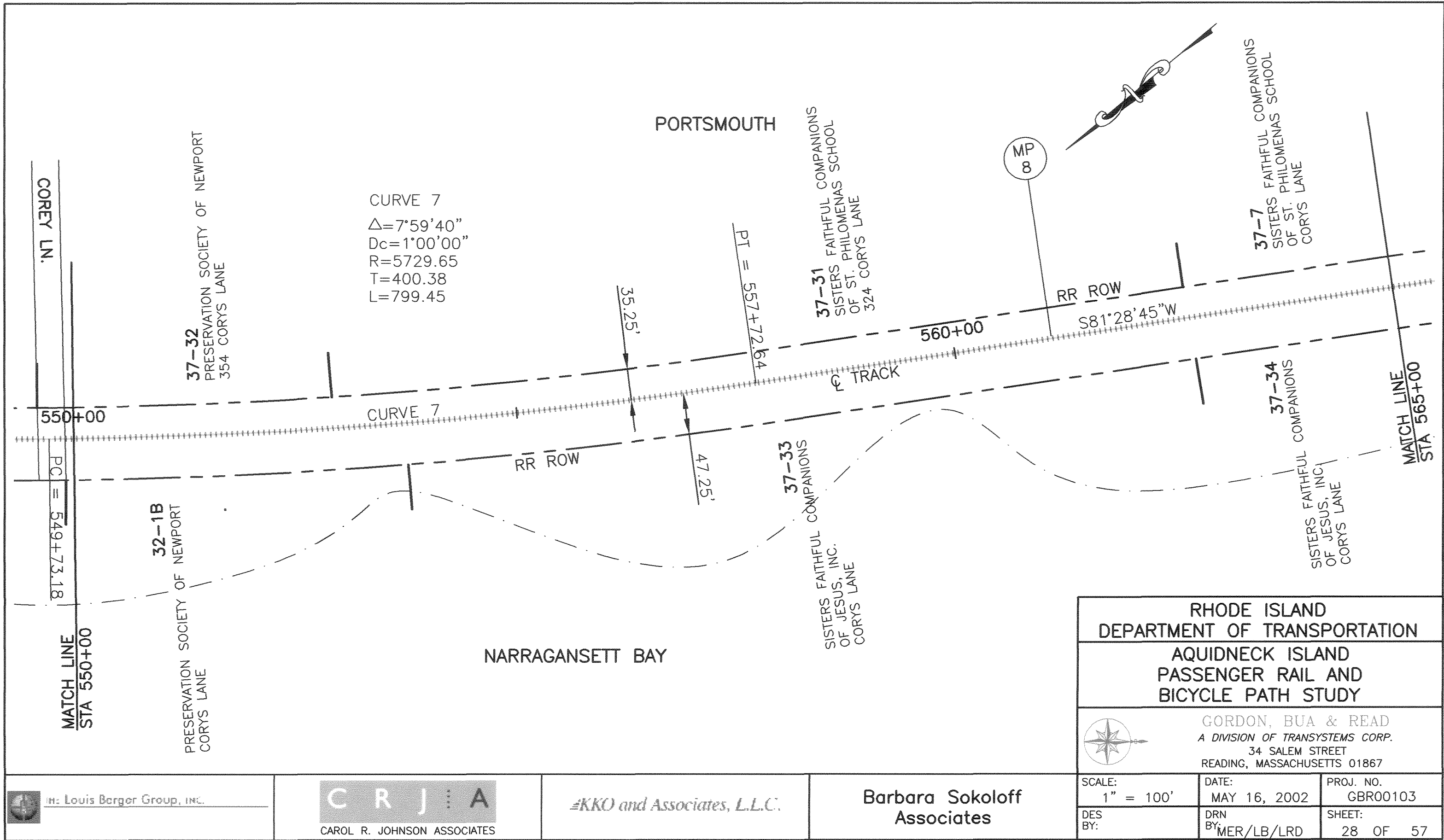


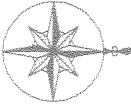


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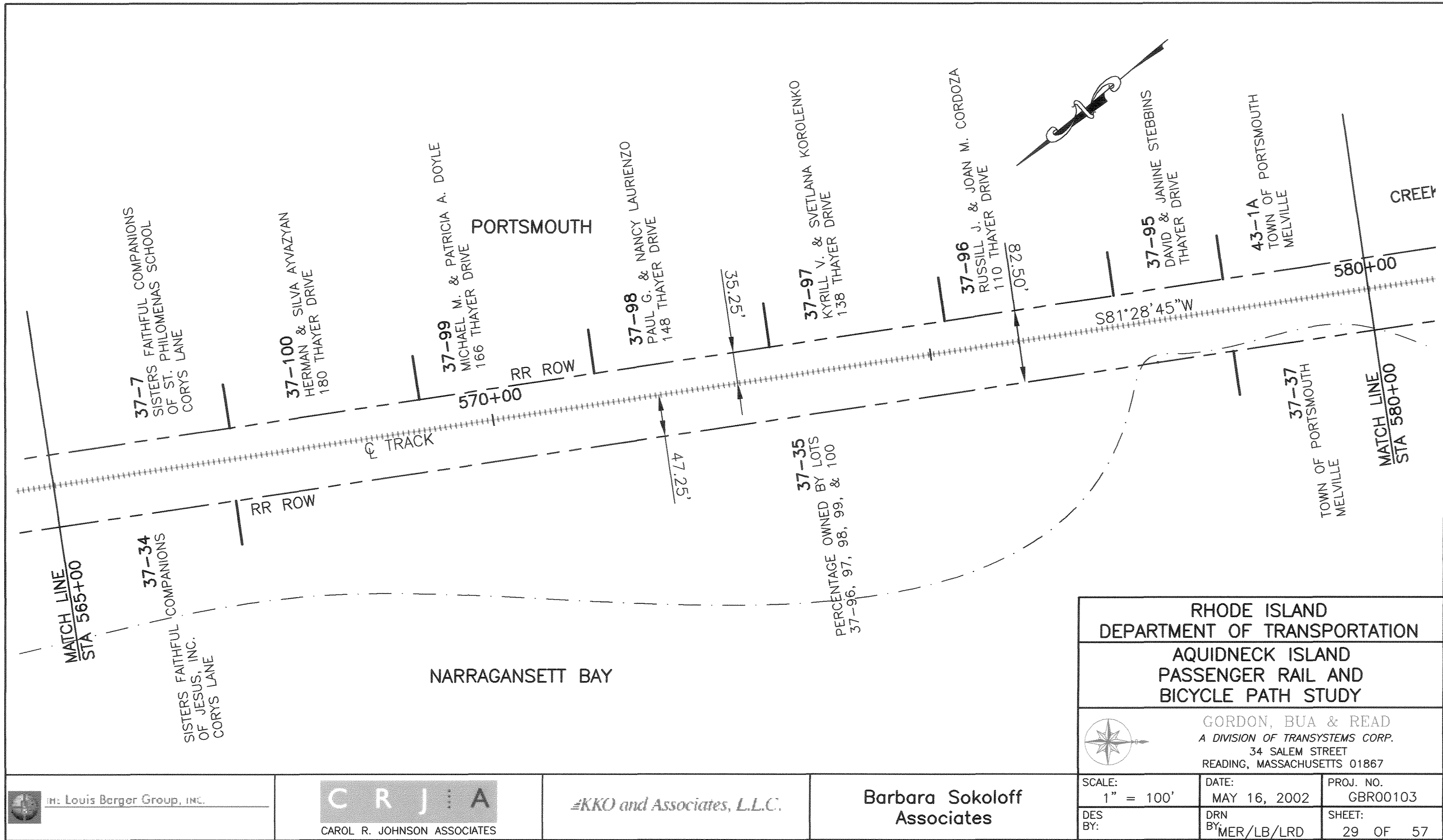
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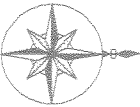
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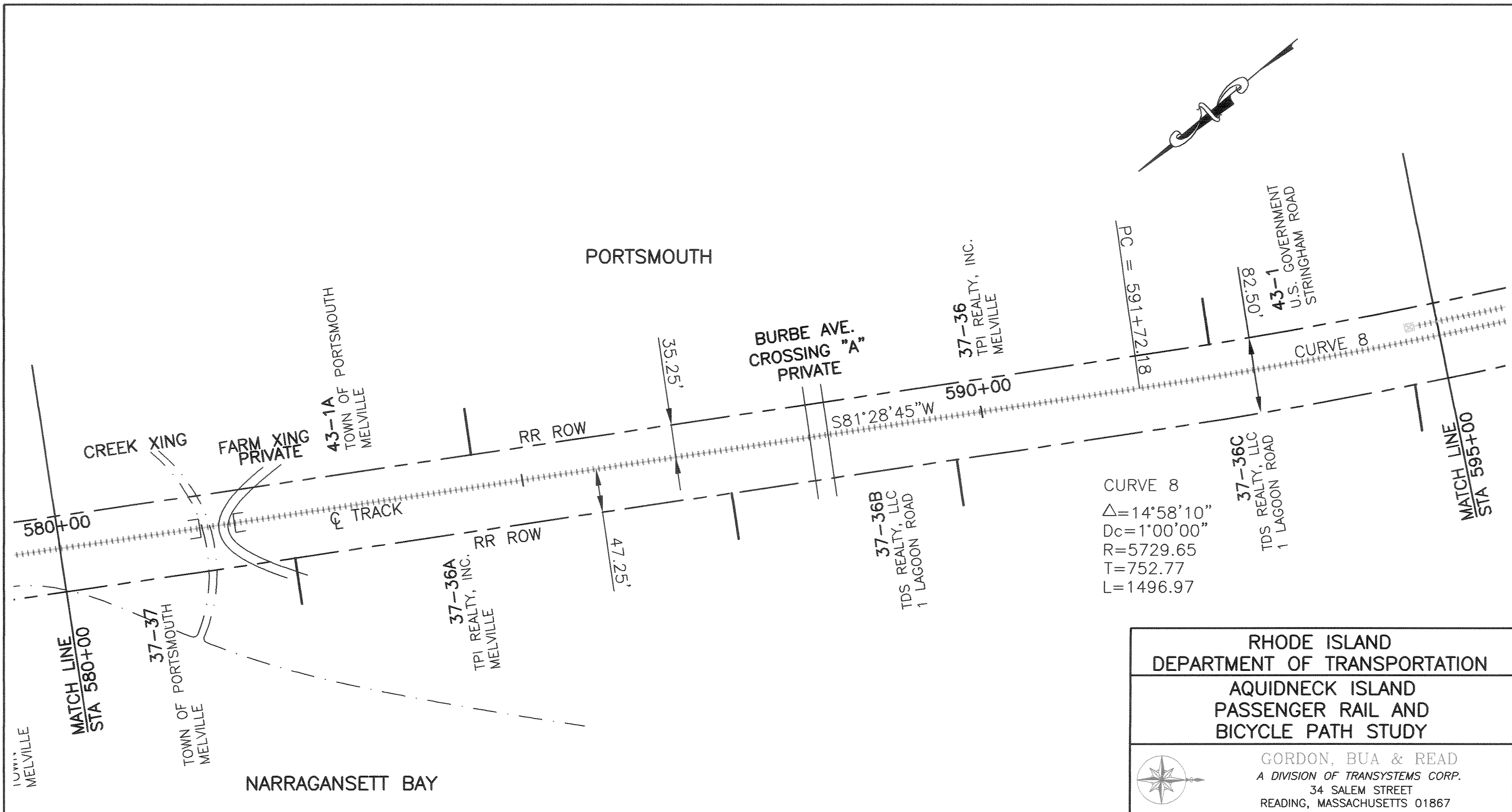
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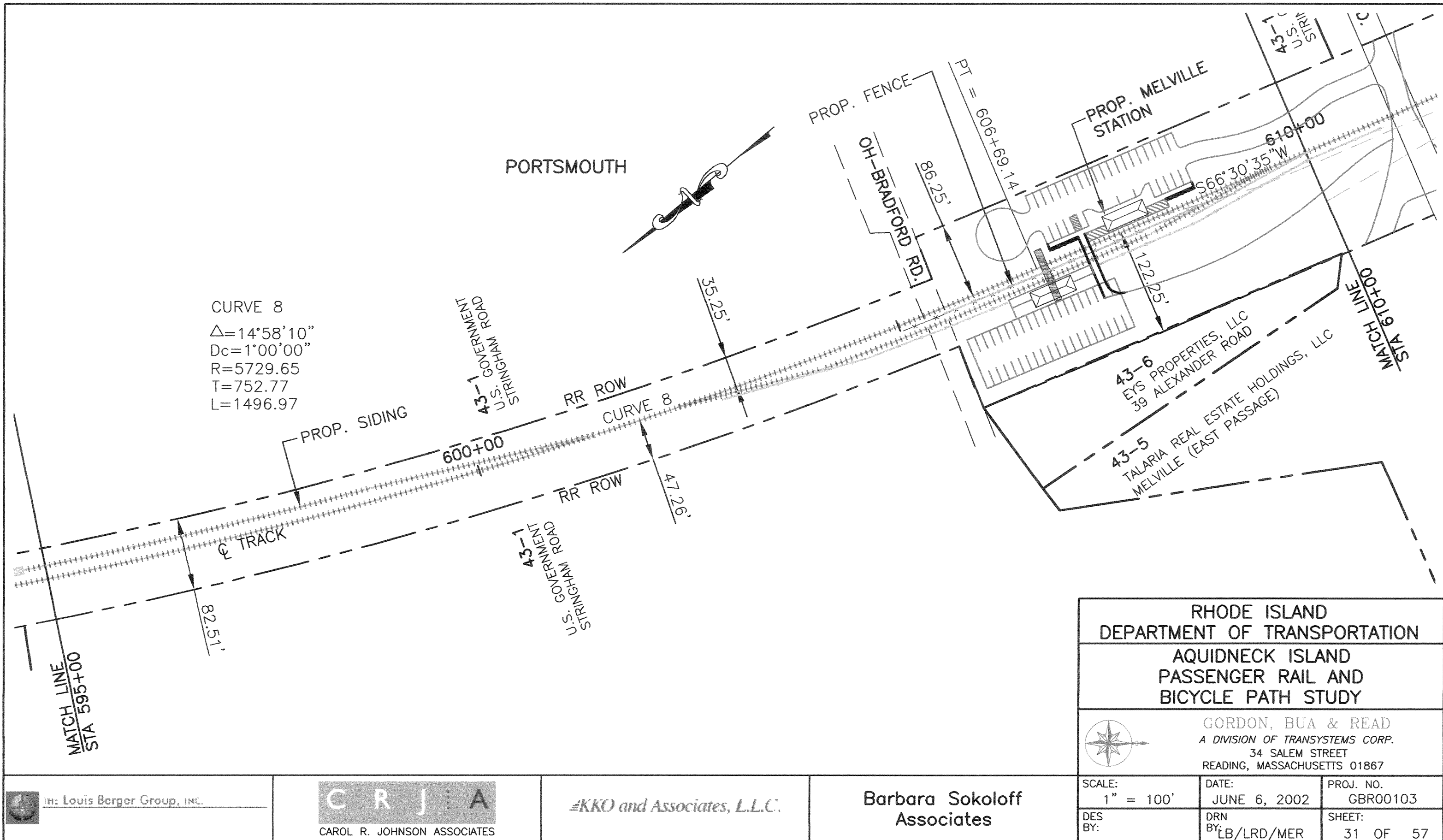


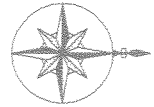
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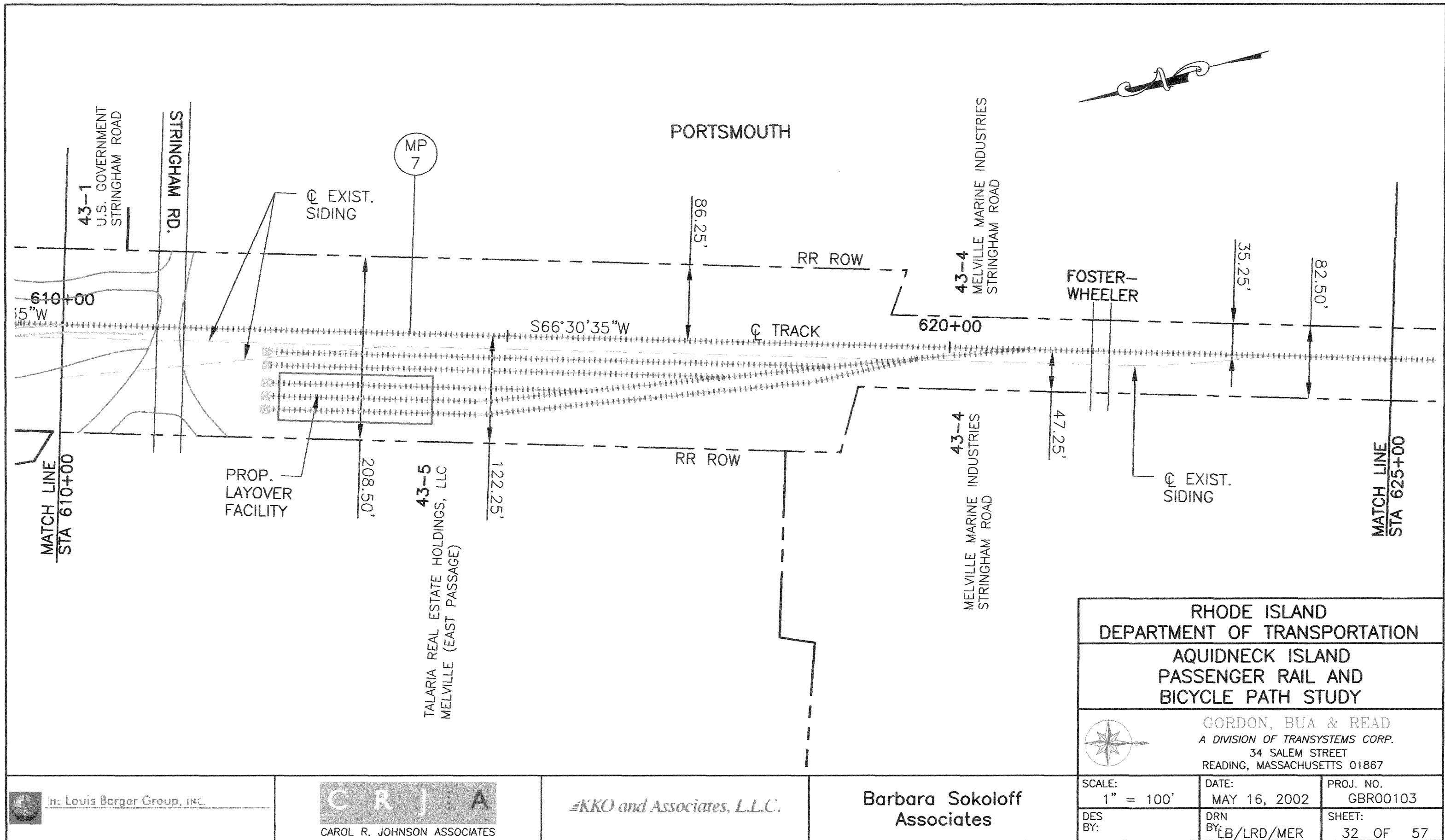


RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
 GORDON, BUA & READ A DIVISION OF TRANSYSTEMS CORP. 34 SALEM STREET READING, MASSACHUSETTS 01867		
SCALE: 1" = 100'	DATE: MAY 16, 2002	PROJ. NO. GBR00103
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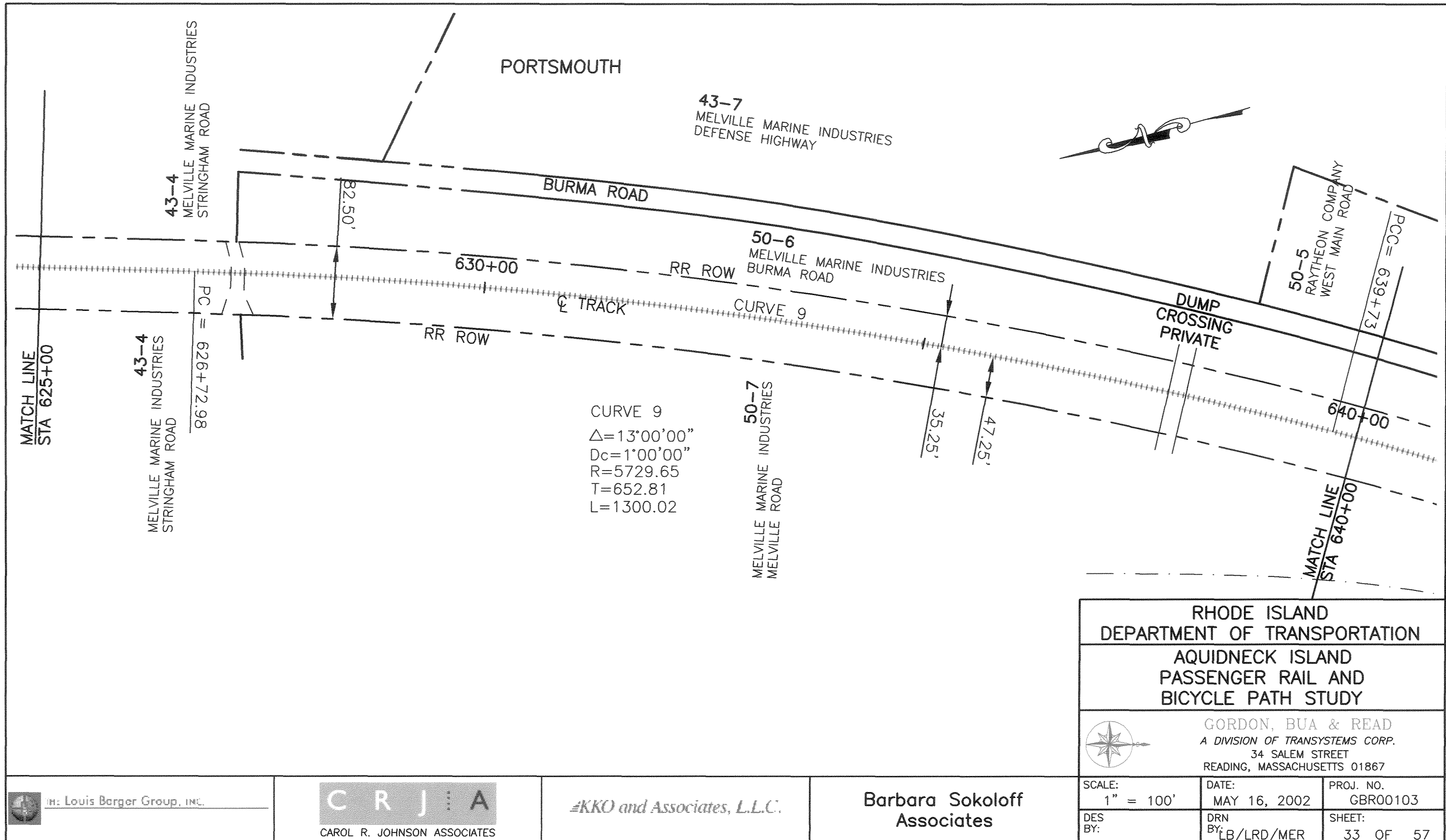
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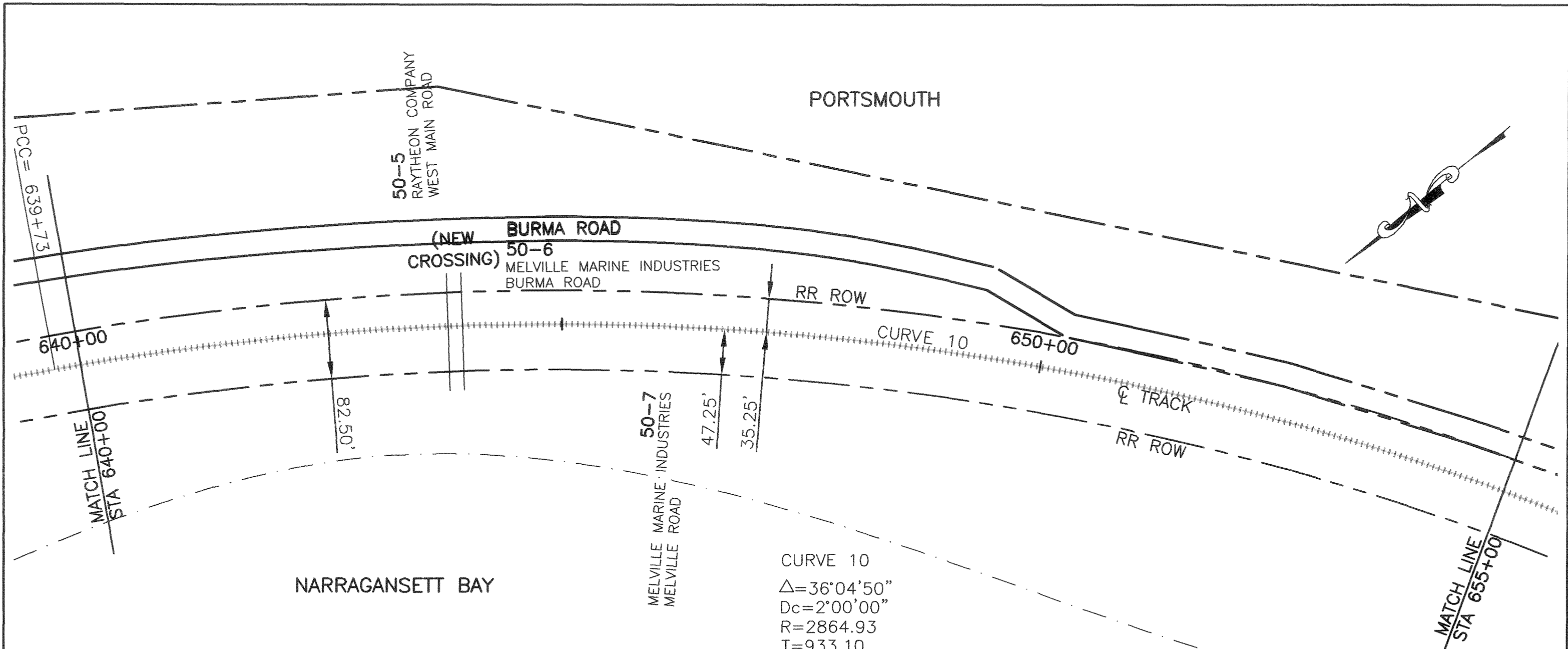


RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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SCALE: 1" = 100'	DATE: JUNE 6, 2002	PROJ. NO. GBR00103
DES BY:	DRN BY: LB/LRD/MER	SHEET: 31 OF 57









RHODE ISLAND  
DEPARTMENT OF TRANSPORTATION

AQUIDNECK ISLAND  
PASSENGER RAIL AND  
BICYCLE PATH STUDY



GORDON, BUA & READ  
A DIVISION OF TRANSYSTEMS CORP.  
34 SALEM STREET  
READING, MASSACHUSETTS 01867

SCALE:  
1" = 100'

DATE:  
MAY 16, 2002

PROJ. NO.  
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BY: LB/LRD/MER

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34 OF 57



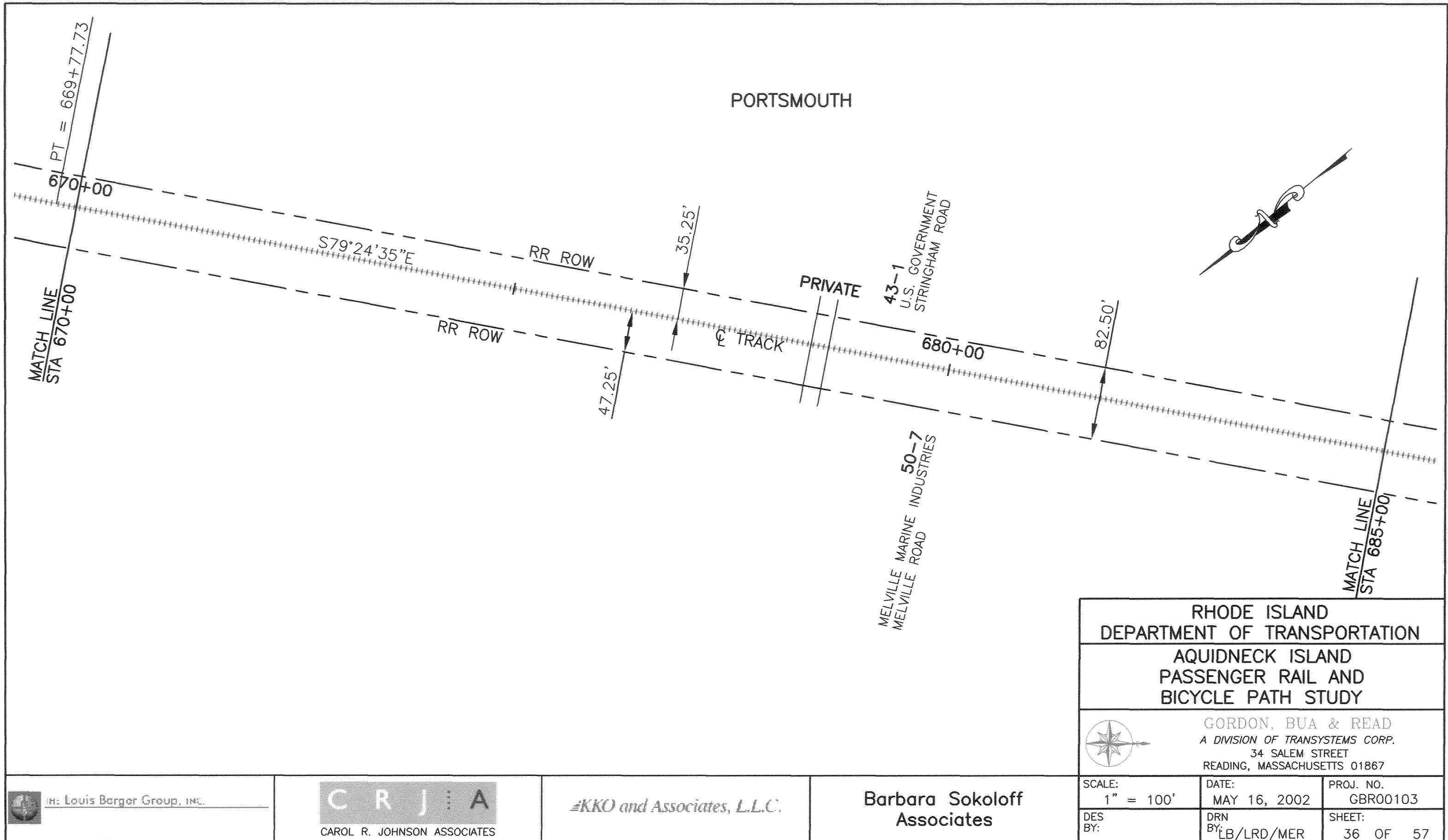
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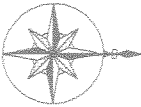
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RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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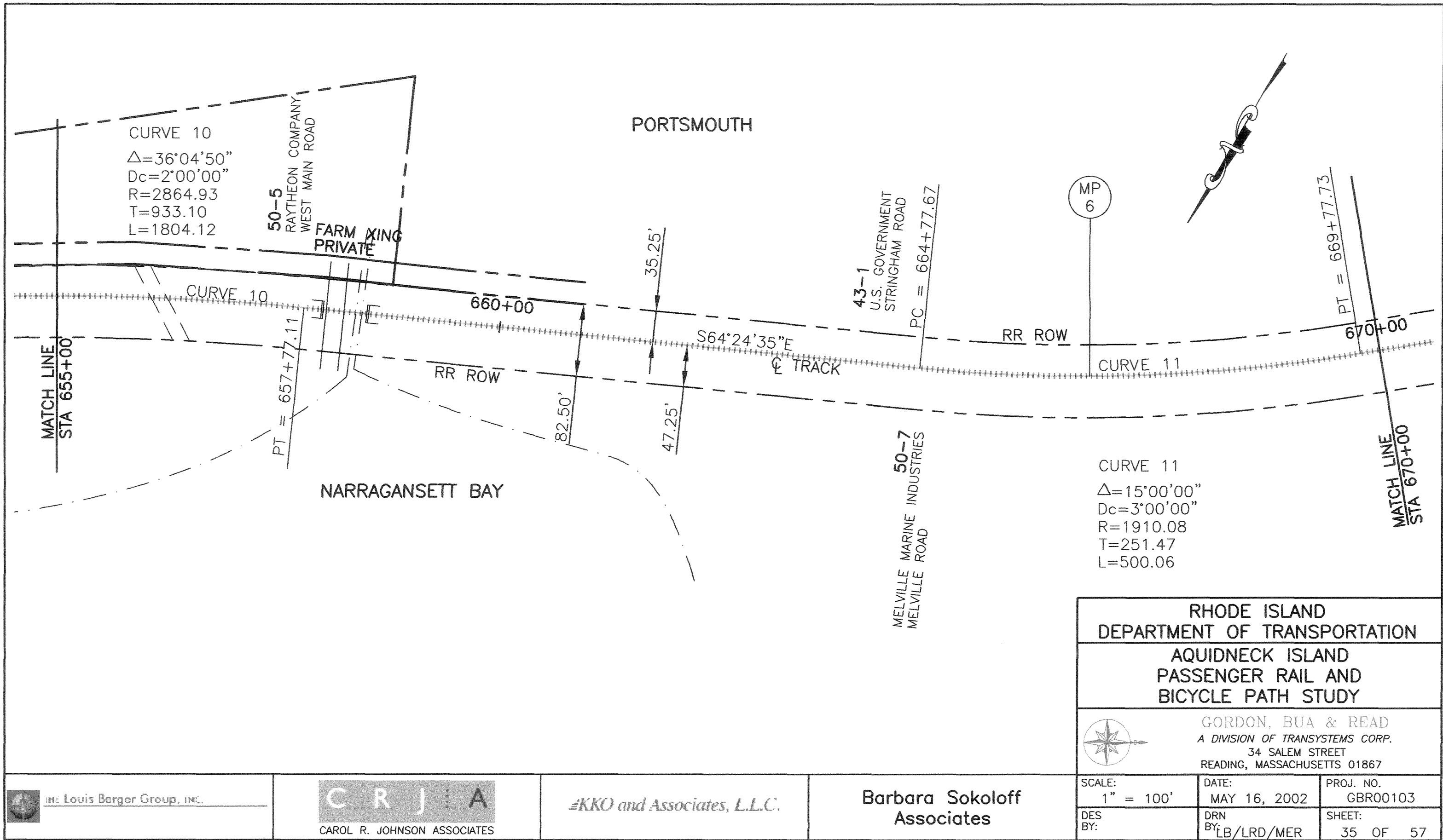
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Barbara Sokoloff  
Associates



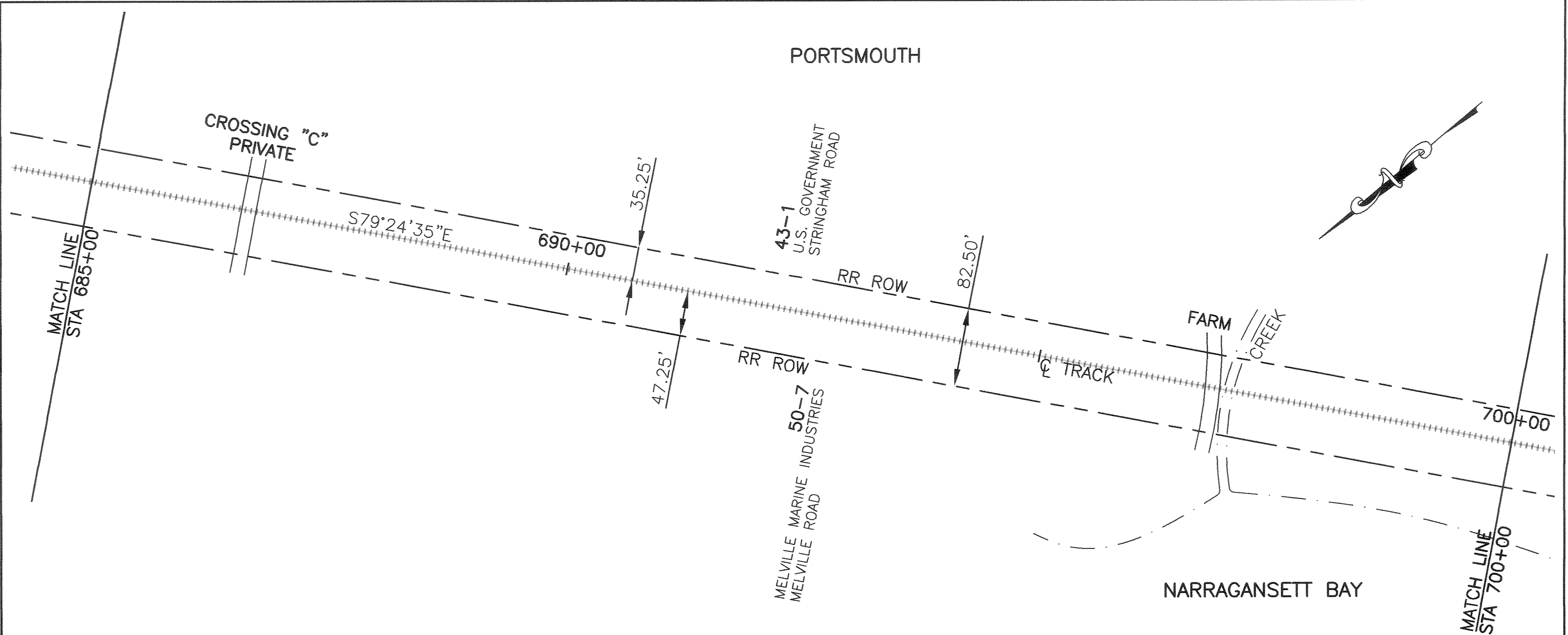
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AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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DES BY:	DRN BY: LB/LRD/MER	SHEET: 35 OF 57

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AQUIDNECK ISLAND  
PASSENGER RAIL AND  
BICYCLE PATH STUDY

 GORDON, BUA & READ  
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34 SALEM STREET  
READING, MASSACHUSETTS 01867

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**Barbara Sokoloff  
Associates**

SCALE:  
1" = 100'

DATE:  
MAY 16, 2002

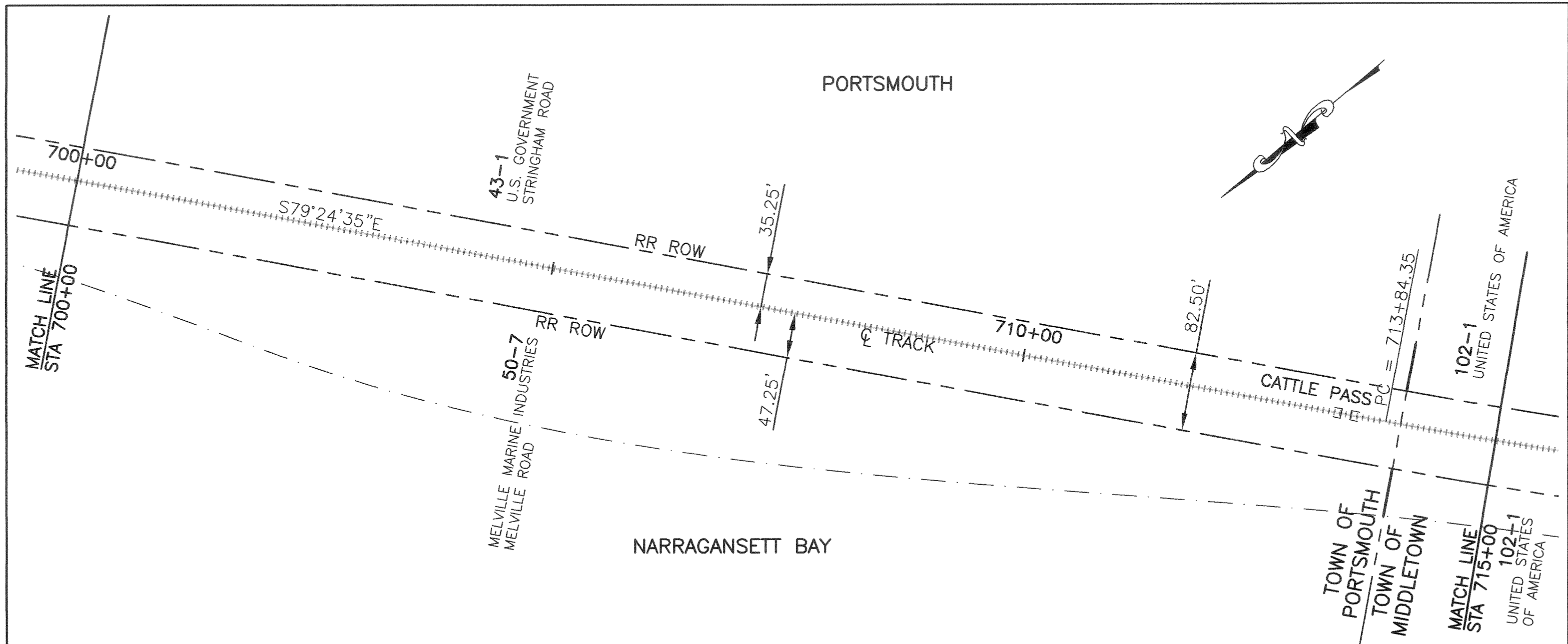
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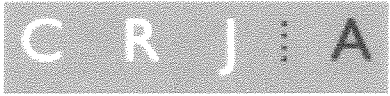

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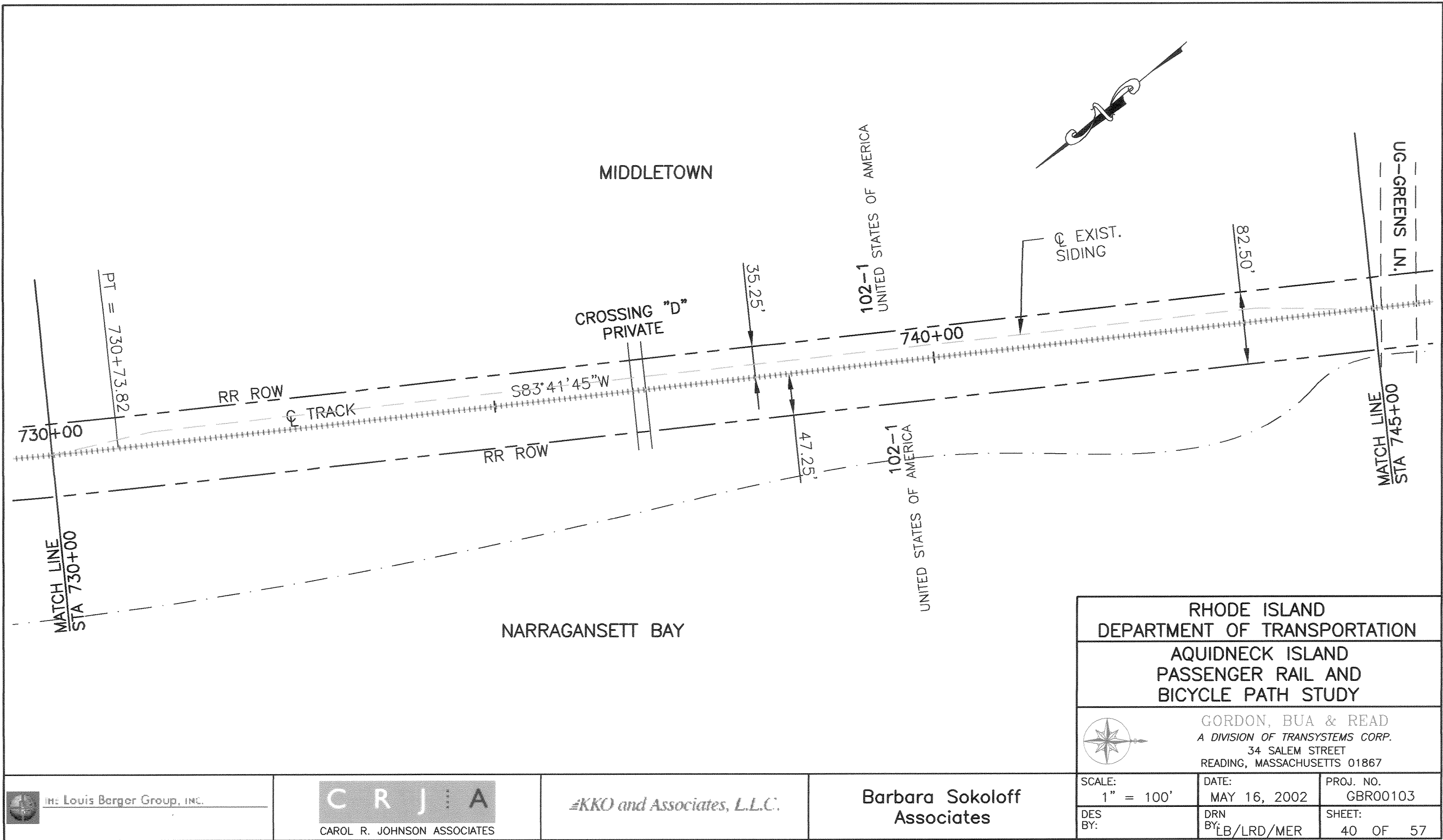


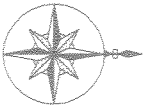



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AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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 IN: Louis Berger Group, INC.	 CAROL R. JOHNSON ASSOCIATES	 KKO and Associates, L.L.C.	Barbara Sokoloff Associates	SCALE: 1" = 100'	DATE: MAY 16, 2002	PROJ. NO. GBR00103
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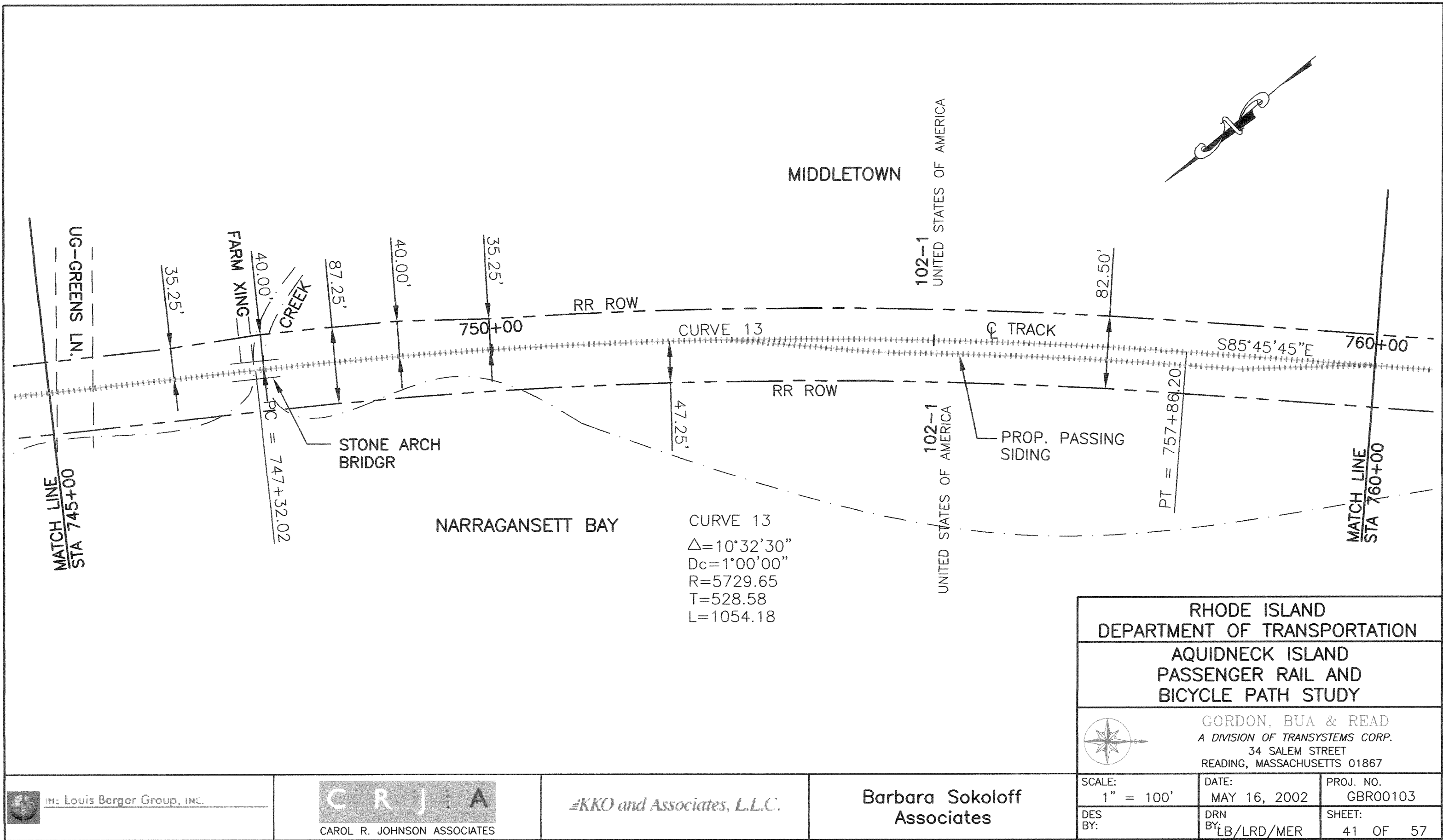
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SCALE: 1" = 100'	DATE: MAY 16, 2002	PROJ. NO. GBR00103
DES BY:	DRN BY: LB/LRD/MER	SHEET: 40 OF 57


 the Louis Berger Group, INC.

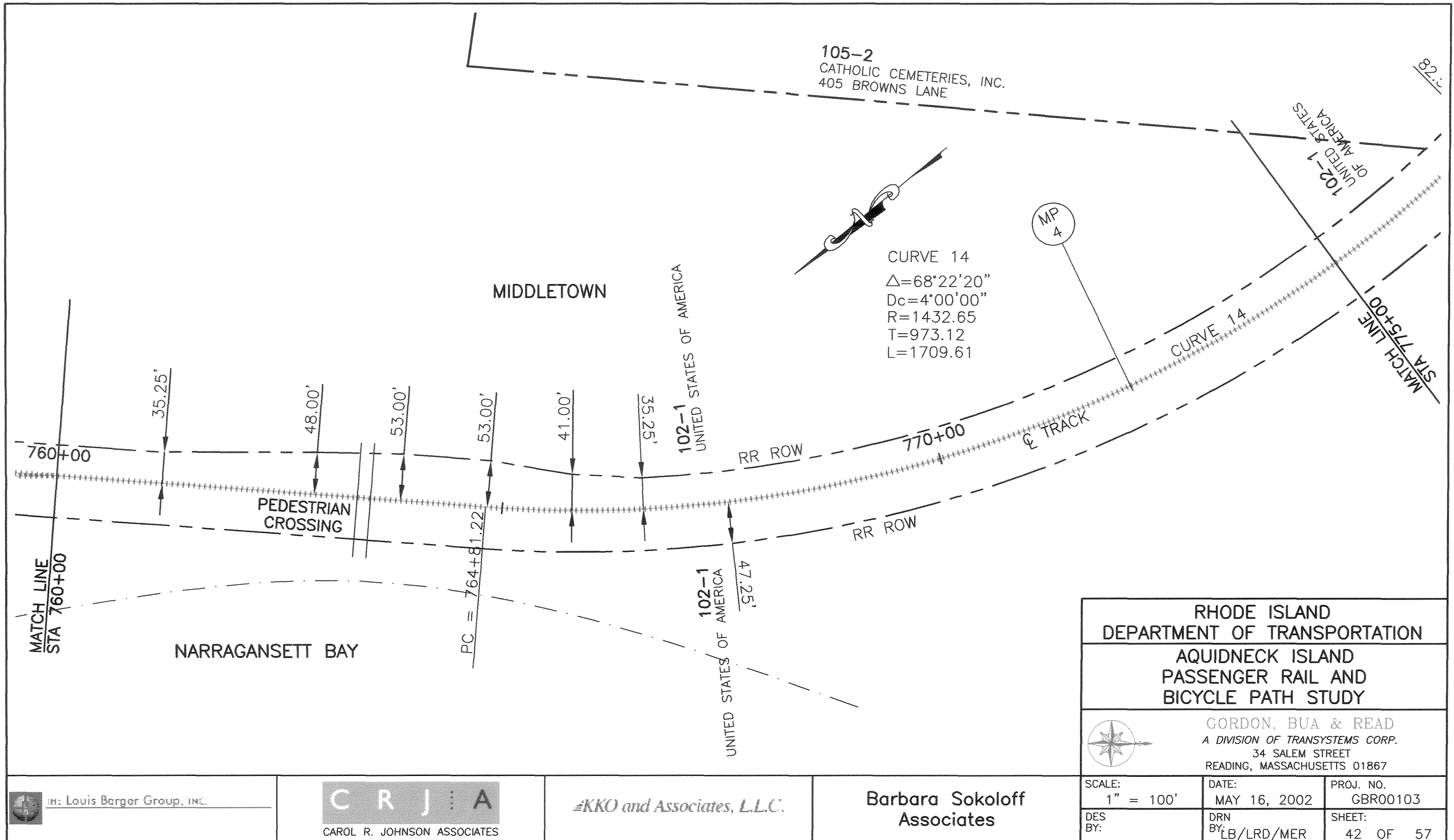
  
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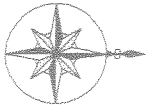
 *KKO and Associates, L.L.C.*

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Associates



RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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DES BY:	DRN BY: LB/LRD/MER	SHEET: 41 OF 57



RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
 GORDON, BUA & READ A DIVISION OF TRANSYSTEMS CORP. 34 SALEM STREET READING, MASSACHUSETTS 01867		
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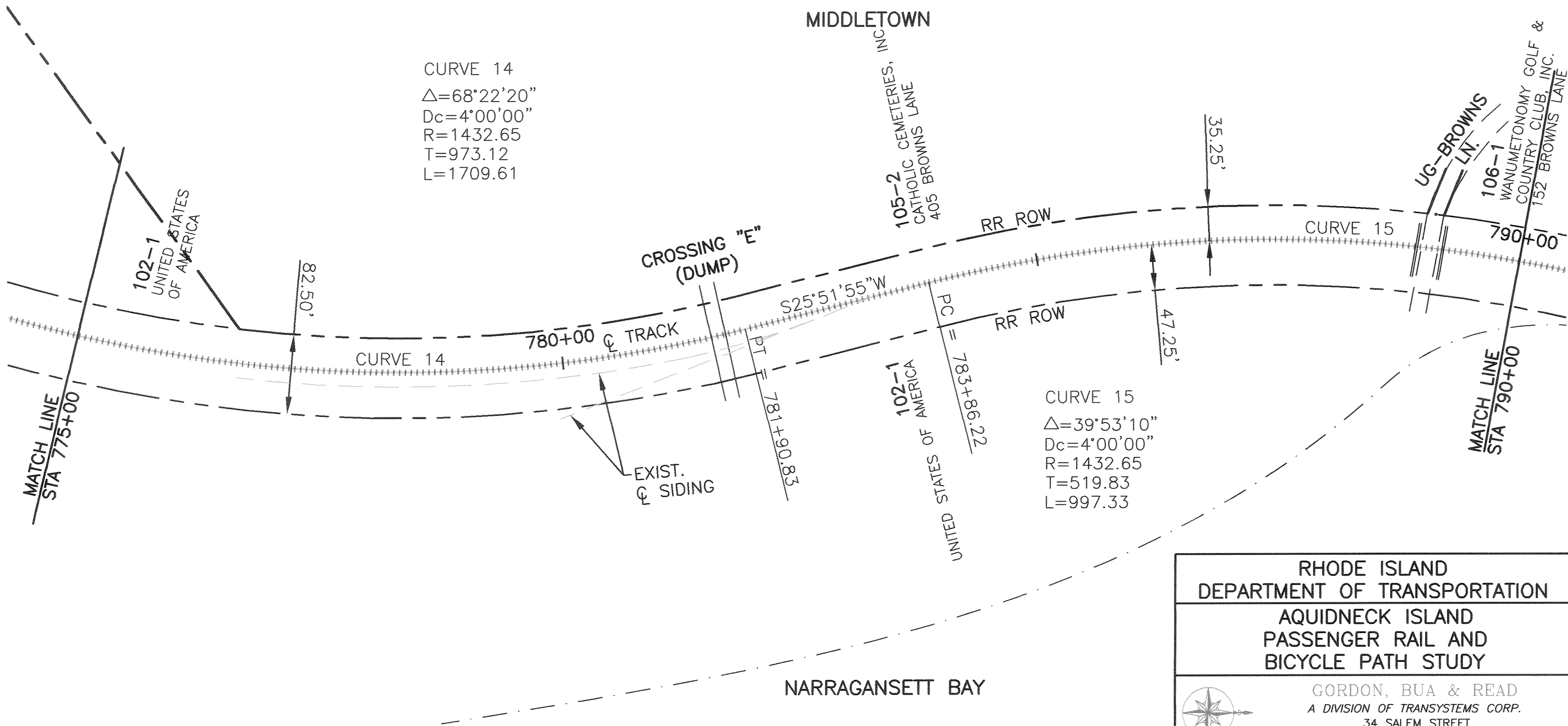
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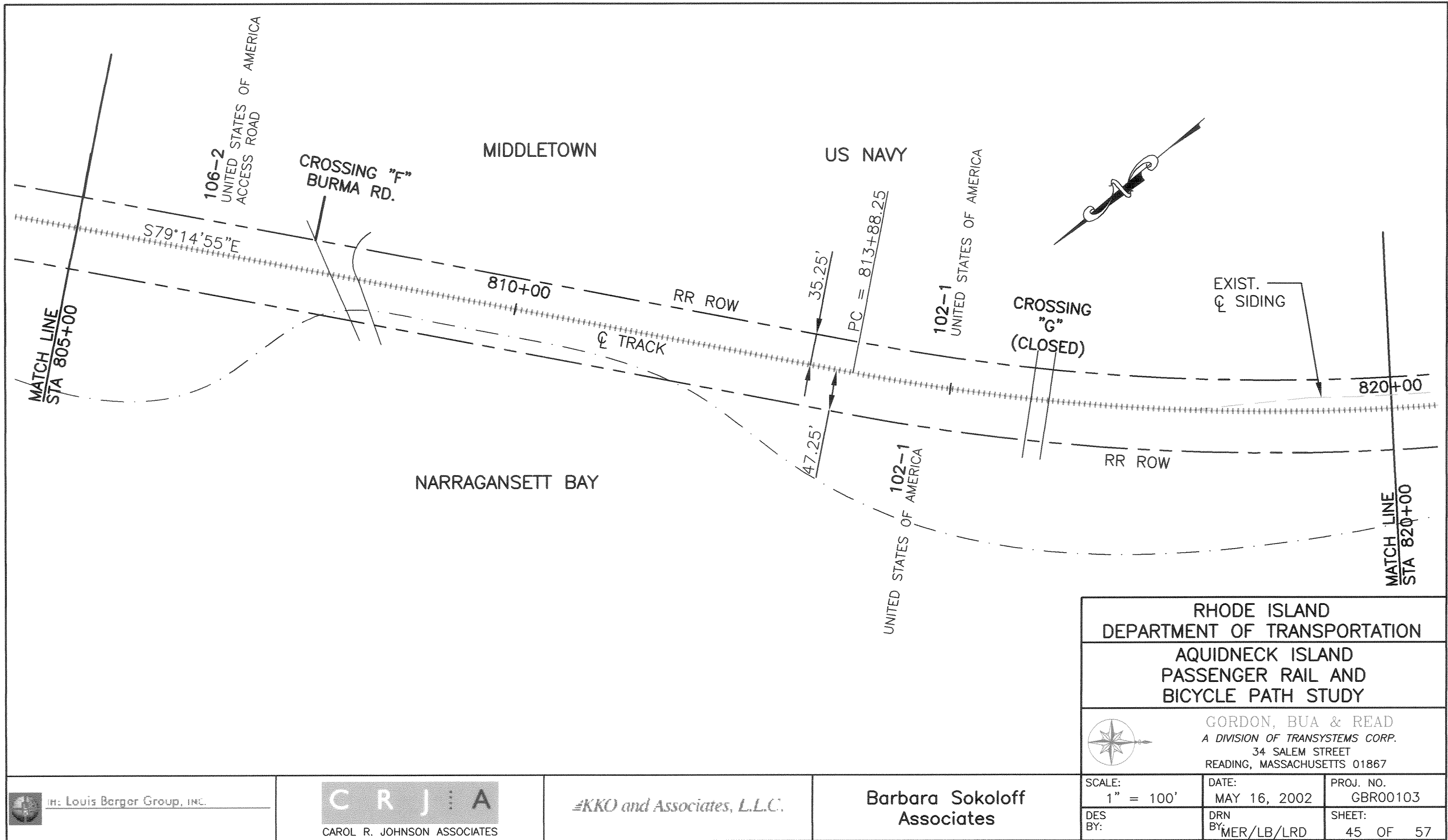
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Associates

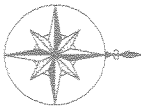



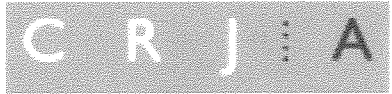

<b>RHODE ISLAND DEPARTMENT OF TRANSPORTATION</b>		
<b>AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY</b>		
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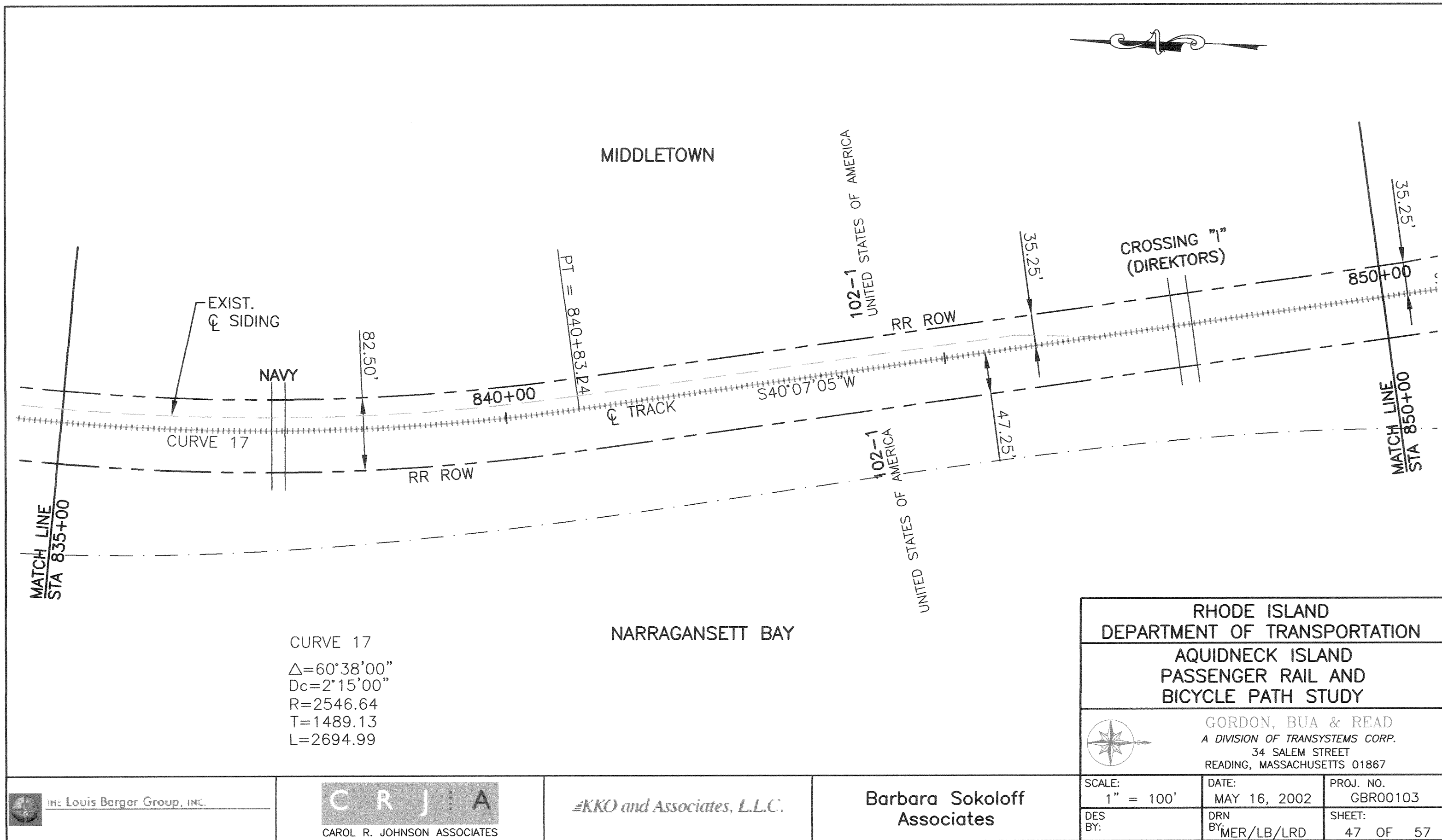


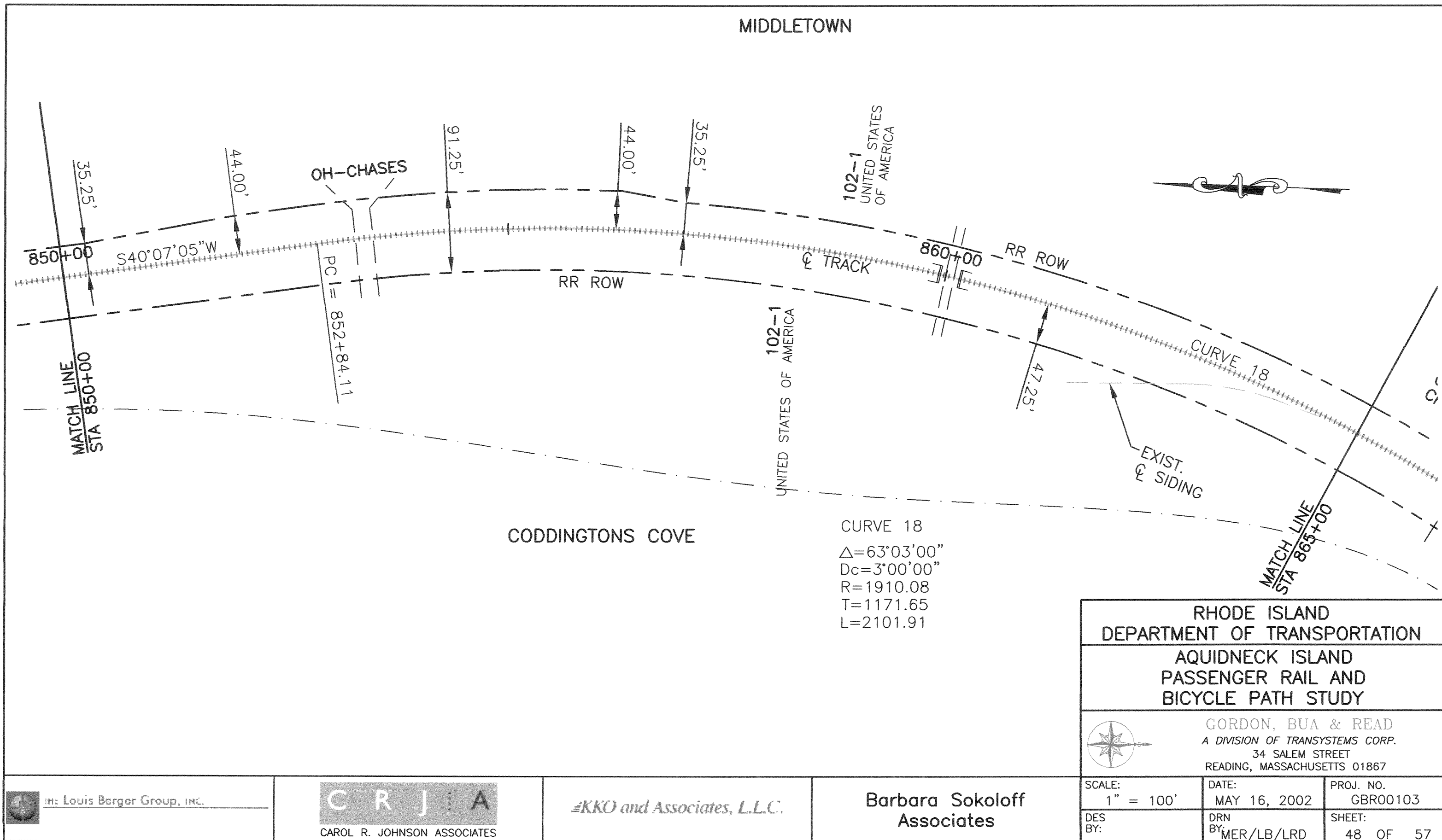


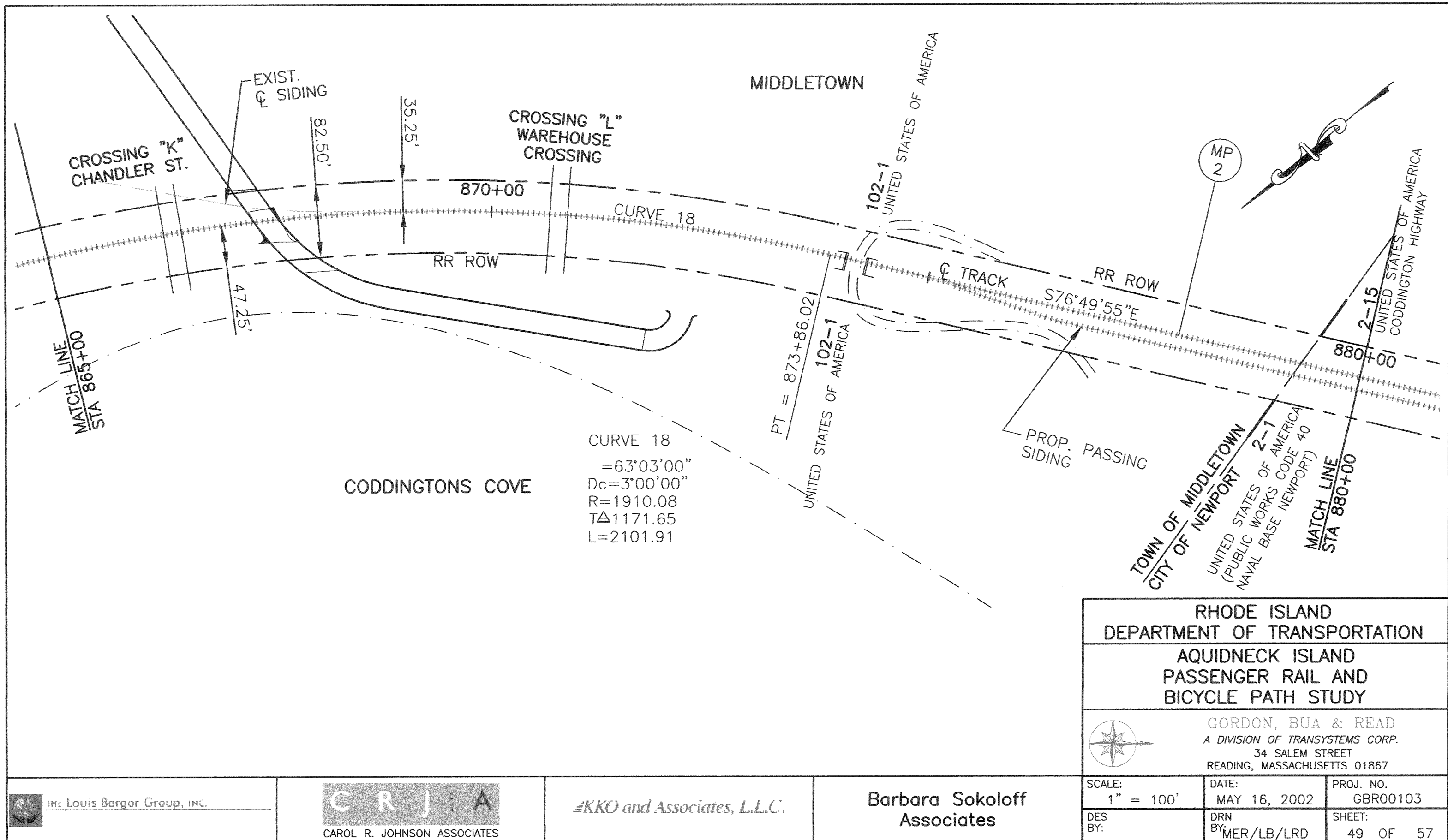
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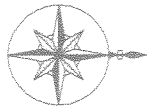
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RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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IN: Louis Berger Group, INC.

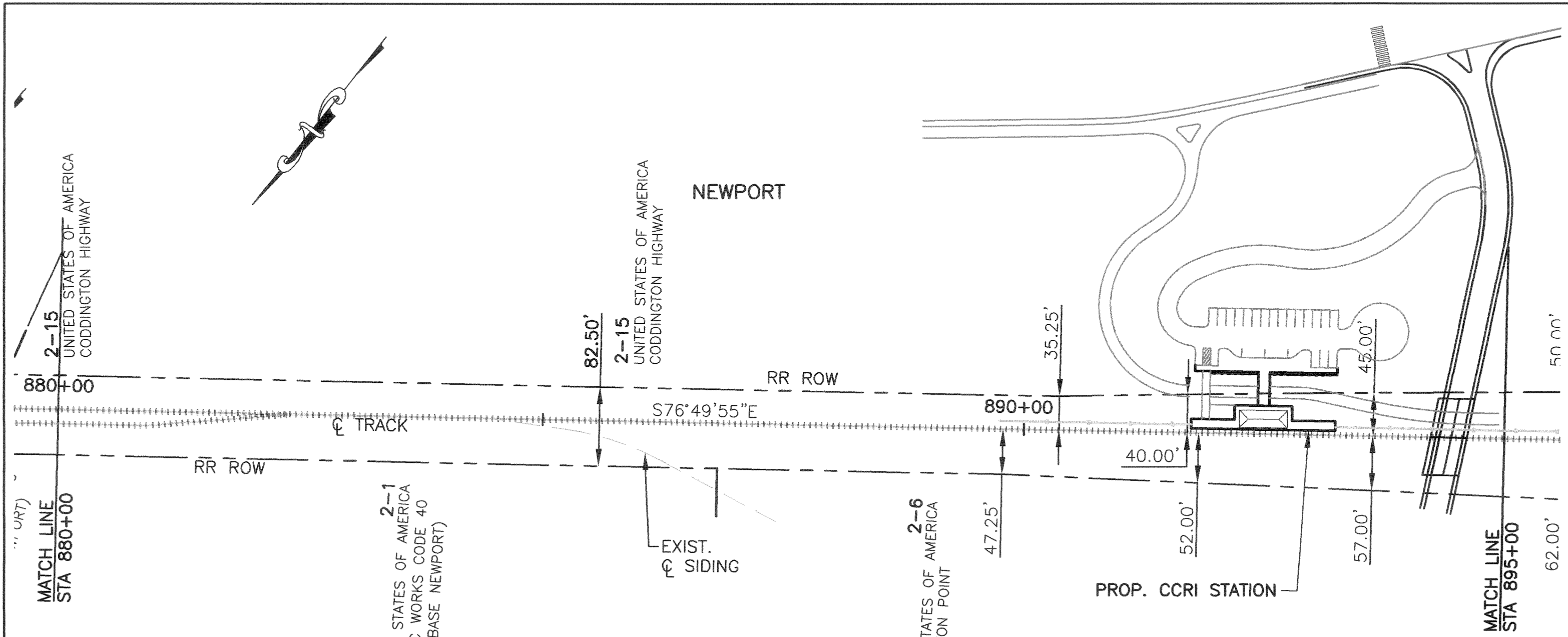


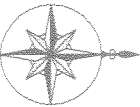
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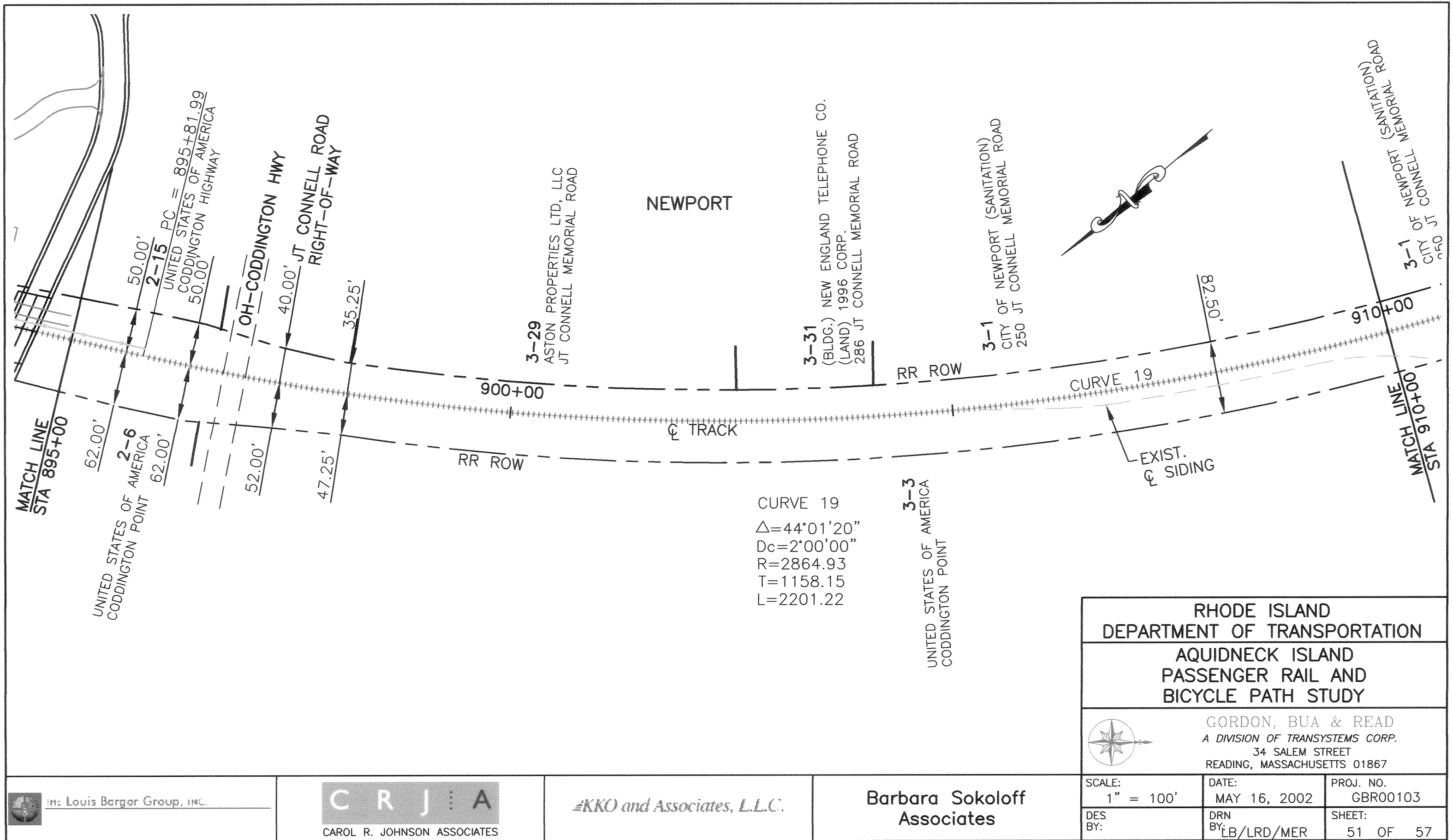
≡KKO and Associates, L.L.C.

Barbara Sokoloff  
Associates





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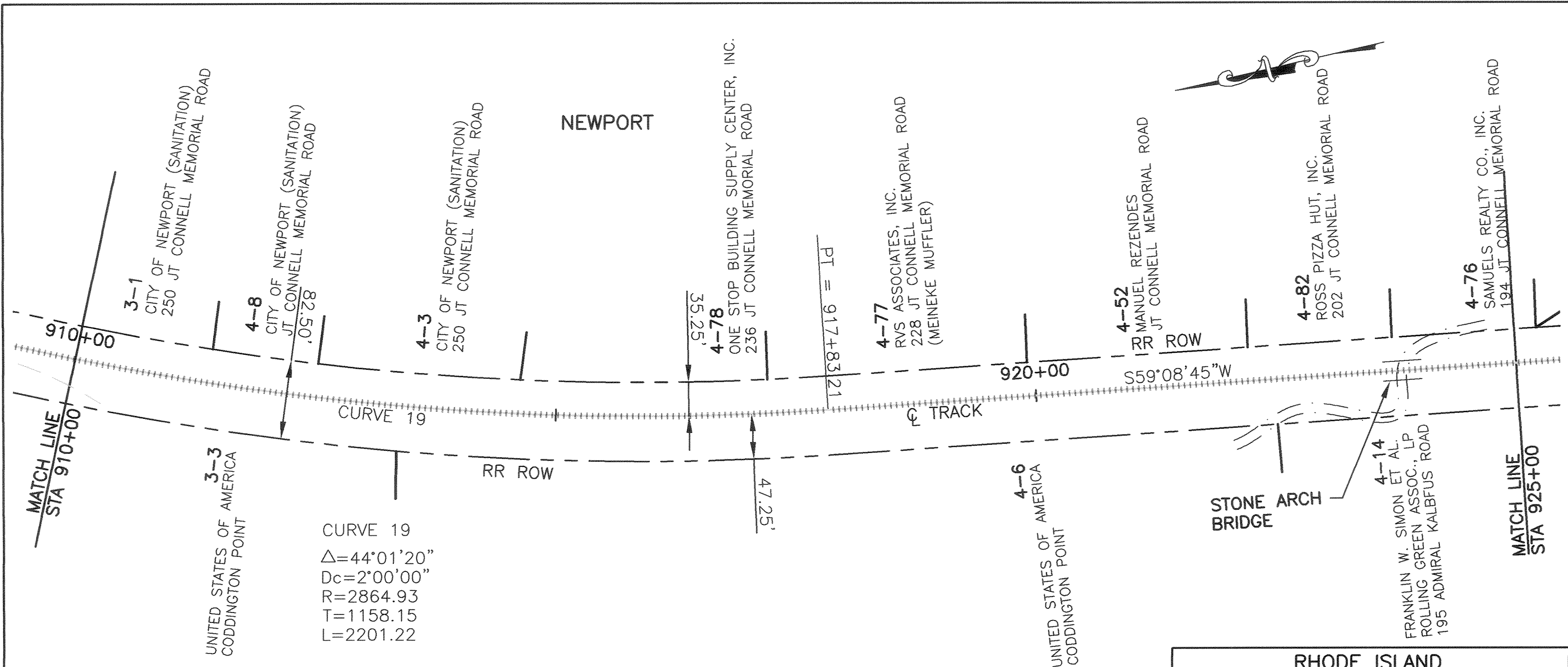
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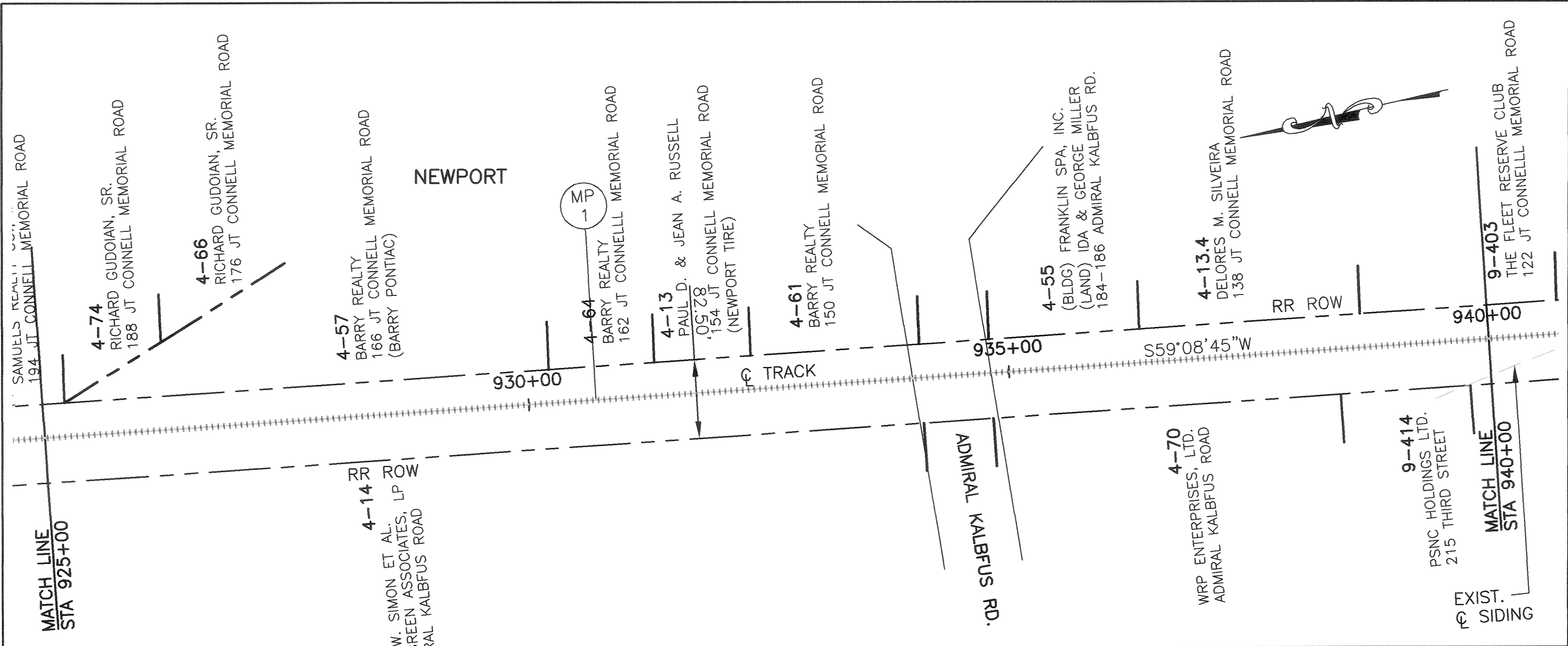
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Barbara Sokoloff  
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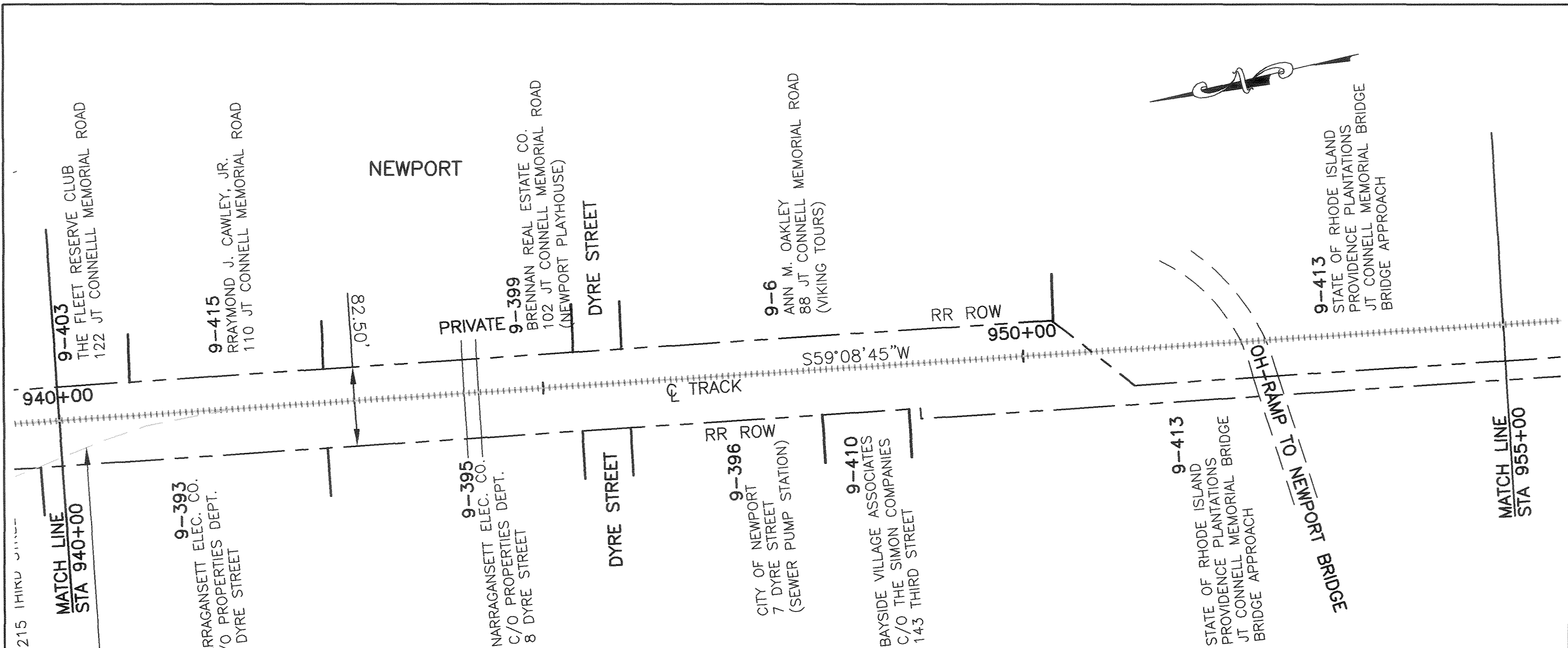




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RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY		
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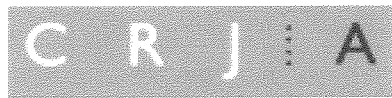
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 <div>RHODE ISLAND DEPARTMENT OF TRANSPORTATION</div>		<div>AQUIDNECK ISLAND PASSENGER RAIL AND BICYCLE PATH STUDY</div>	
 <div>GORDON, BUA &amp; READ A DIVISION OF TRANSYSTEMS CORP. 34 SALEM STREET READING, MASSACHUSETTS 01867</div>			
SCALE: 1" = 100'		DATE: MAY 16, 2002	PROJ. NO. GBR00103
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Barbara Sokoloff  
Associates



GORDON, BUA & READ  
A DIVISION OF TRANSYSTEMS CORP.  
34 SALEM STREET  
READING, MASSACHUSETTS 01867

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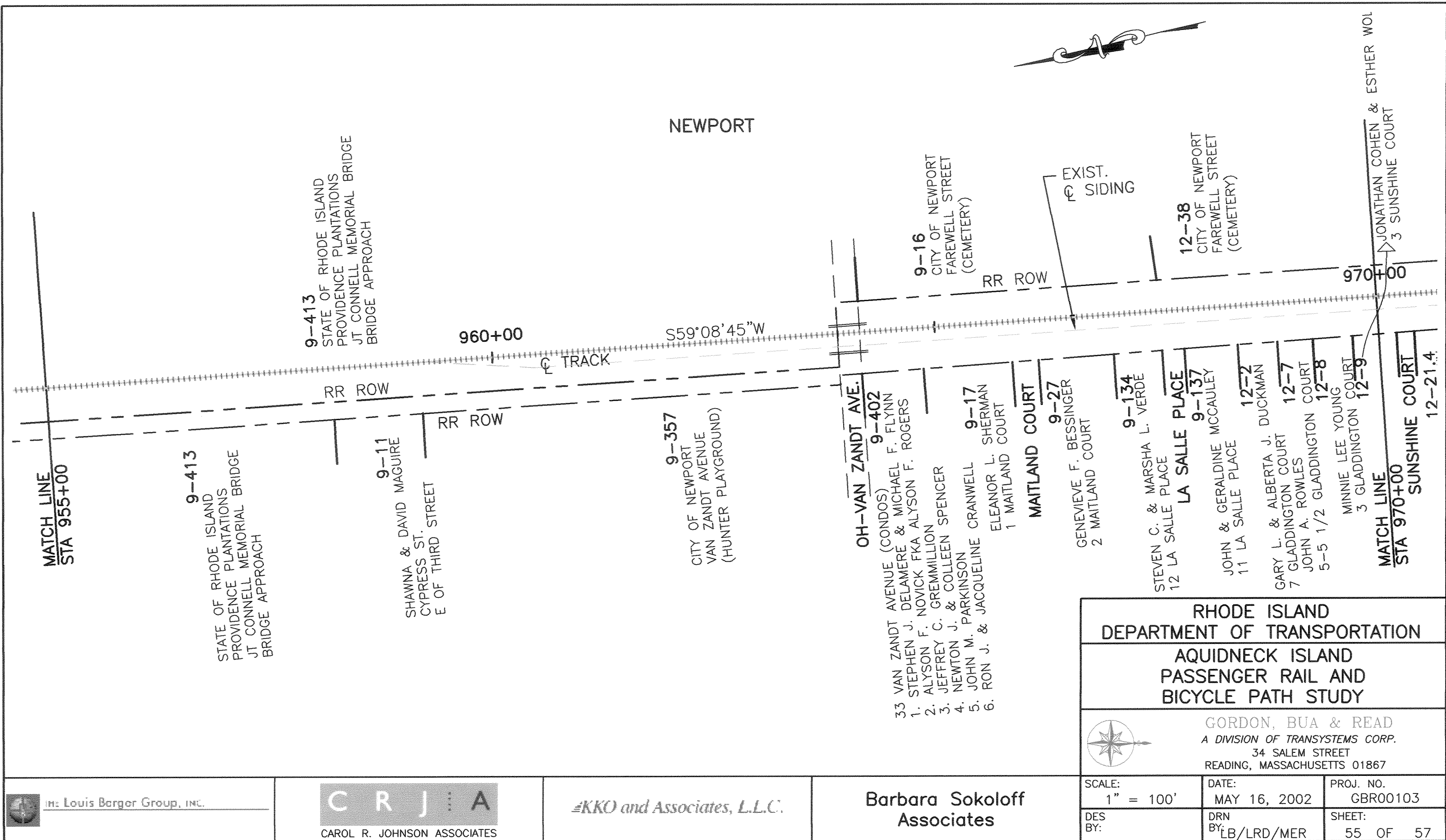
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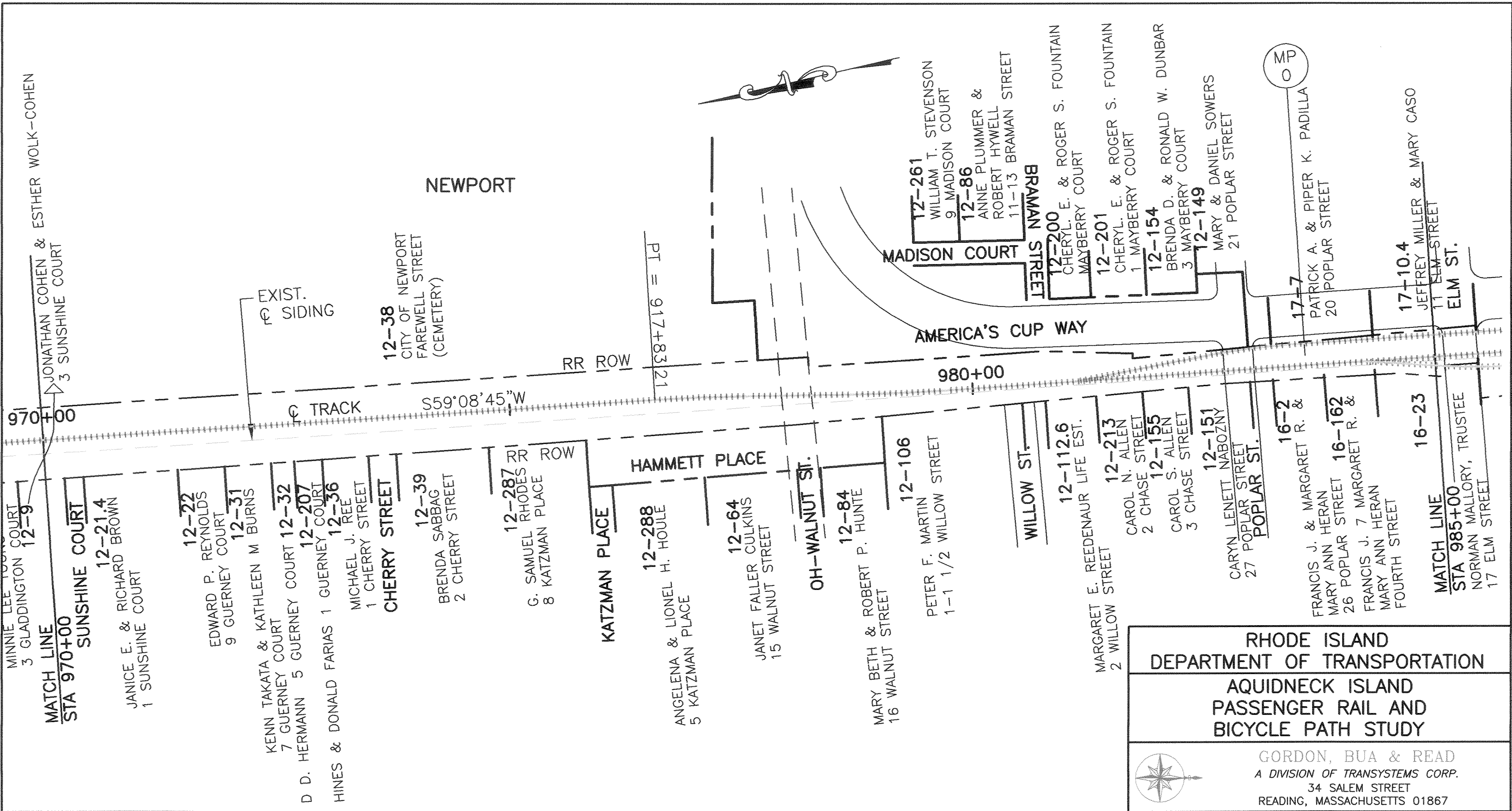
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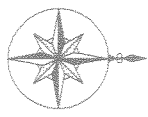
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GORDON, BUA & READ

A DIVISION OF TRANSYSTEMS CORP.

34 SALEM STREET

READING, MASSACHUSETTS 01867

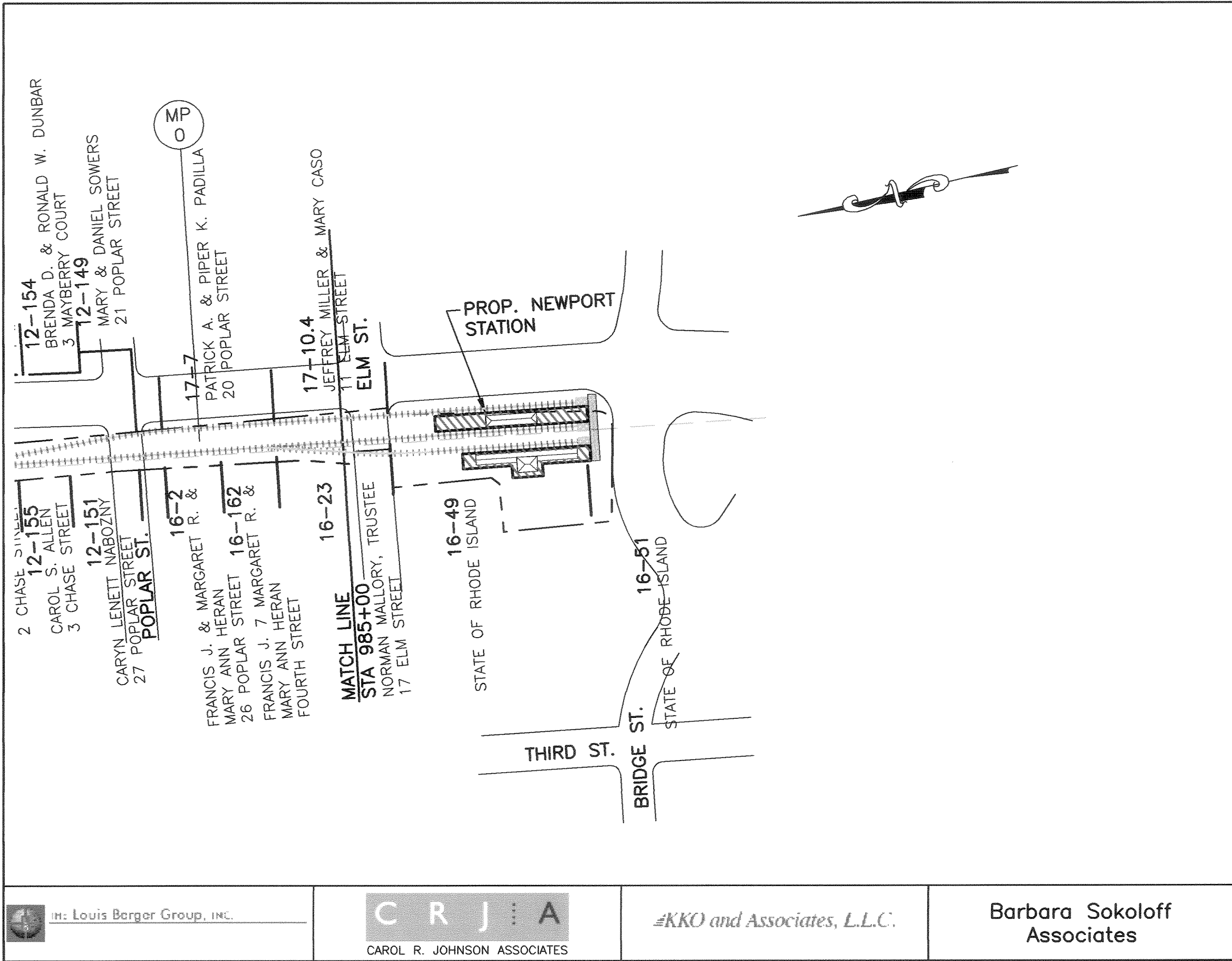
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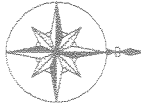
DEPARTMENT OF TRANSPORTATION

AQUIDNECK ISLAND

PASSENGER RAIL AND

BICYCLE PATH STUDY



RHODE ISLAND DEPARTMENT OF TRANSPORTATION		
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 GORDON, BUA & READ A DIVISION OF TRANSYSTEMS CORP. 34 SALEM STREET READING, MASSACHUSETTS 01867		
SCALE: 1" = 100'	DATE: JUNE 6, 2002	PROJ. NO. GBR00103
DES BY:	DRN BY: LB/LRD/MER	SHEET: 57 OF 57

**Opportunities and Constraints Plans**

<b>Figure 3-1:</b>	Sheet 1
<b>Figure 3-2:</b>	Sheet 2
<b>Figure 3-3:</b>	Sheet 3
<b>Figure 3-4:</b>	Sheet 4
<b>Figure 3-5:</b>	Sheet 5
<b>Figure 3-6:</b>	Sheet 6
<b>Figure 3-7:</b>	Sheet 7
<b>Figure 3-8:</b>	Sheet 8
<b>Figure 3-9:</b>	Sheet 9
<b>Figure 3-10:</b>	Sheet 10

Legend

Opportunities

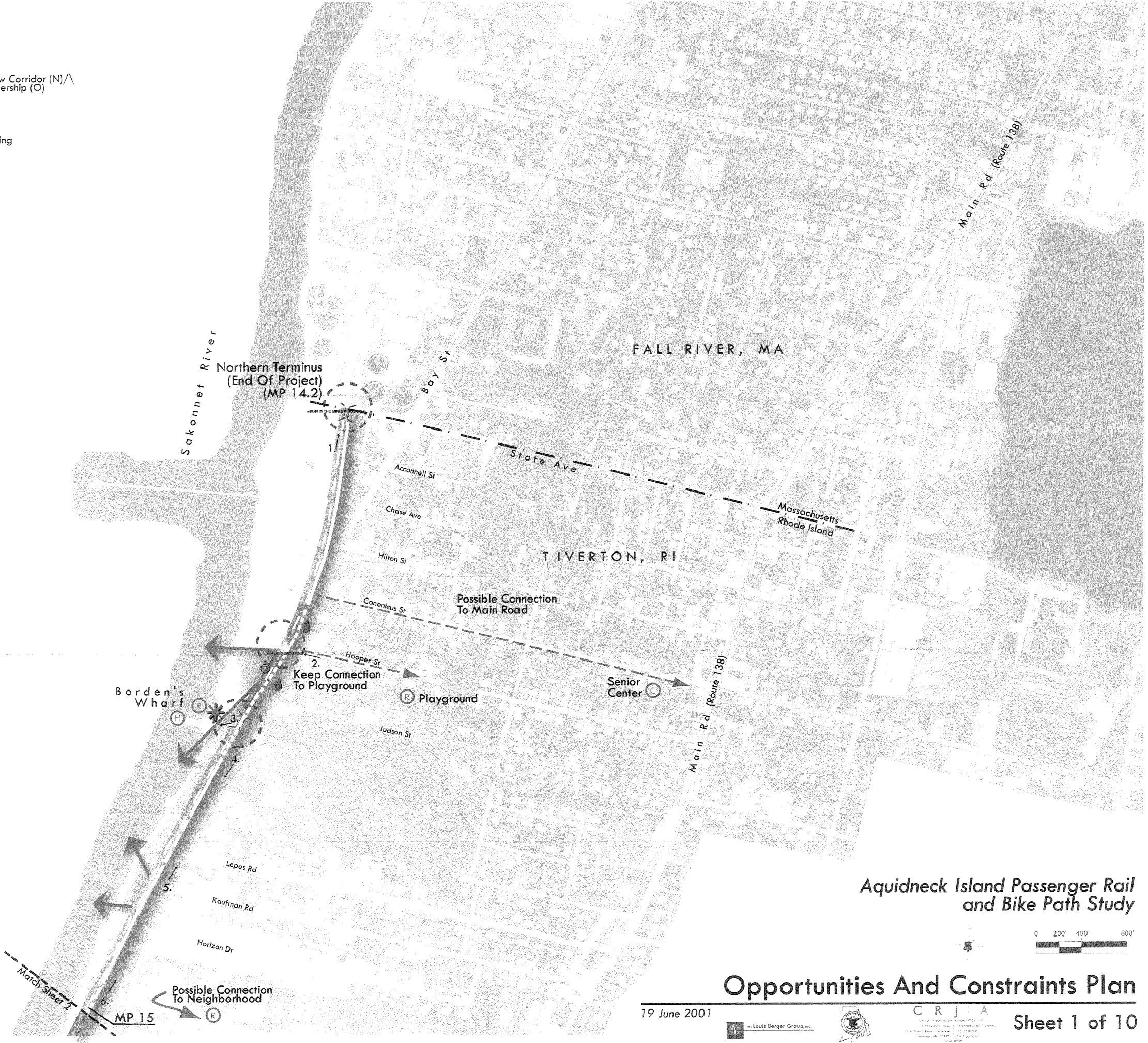
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

Constraints

- Steep Slopes (S)/Narrow Corridor (N)/\ Poor Drainage (D)/Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

Possible Bicycle Path Routes

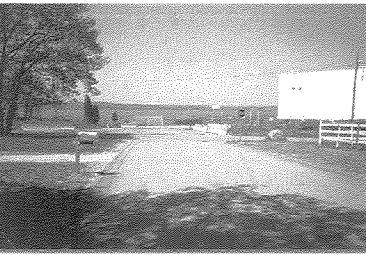
- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



1. Existing Condition At MA State Line



4. Existing R.O.W. - Few Modifications



2. Hooper/Bay St. Intersection



5. Existing R.O.W. - Drainage Issues

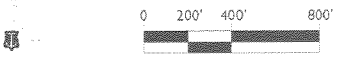


3. View To Borden's Wharf



6. Existing R.O.W. - Grading Modifications

Aquidneck Island Passenger Rail and Bike Path Study



Opportunities And Constraints Plan

19 June 2001

mLouis Berger Group, Inc.



CRJA  
COUNCIL OF REGIONAL JUDICIAL ASSOCIATES  
1000 Main Street, Suite 200  
Providence, RI 02903  
Phone: 401-833-1100  
Fax: 401-833-1101  
www.caja.org



# Legend

## Opportunities

- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection
- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)

## Constraints

- Steep Slopes (S)/Narrow Corridor(N)/Poor Drainage (b)/Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

## Possible Bicycle Path Routes

Adjacent Wetlands (Approximate)



1. Residential Abuffer, Typical



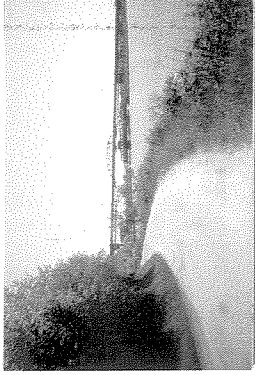
2. Private Crossing



3. Opportunity For Bike Path Realignment



4. Drainage Problems



6. View Towards Sakonnet



7. Historic Depot Location



5. Opportunity Bike Path Realignment



## Aquidneck Island Passenger Rail and Bike Path Study

## Opportunities And Constraints Plan

19 June 2001

C R J A

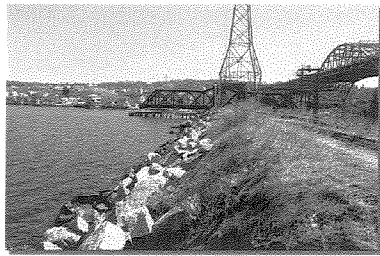


THE LOUIS BERGER GROUP, INC.

1000 Main Street, Suite 200  
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Fax: (401) 846-1001  
www.louisberger.com

Sheet 2 of 10

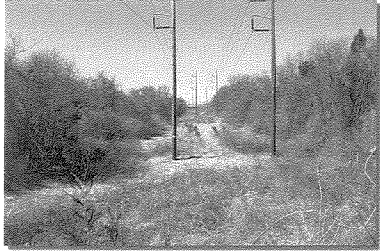




1. View Across Sakonnet River To Tiverton



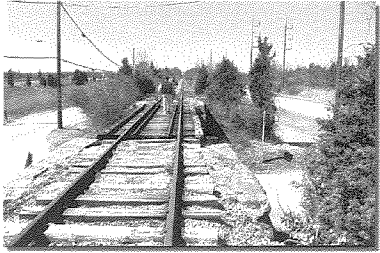
5. Shared Path Area Along Golf Course



2. View West Along Utility R.O.W



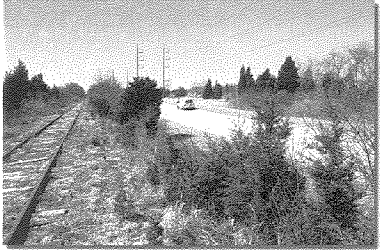
6. Elevated Track With Views To Mount Hope Bay and Bridge



3. Anthony Road Overpass



7. Intersection At Bristol Ferry Road



4. Elevated Track Condition Adjacent To Golf Course



8. Location That Meets Station Criteria

# Legend

## Opportunities

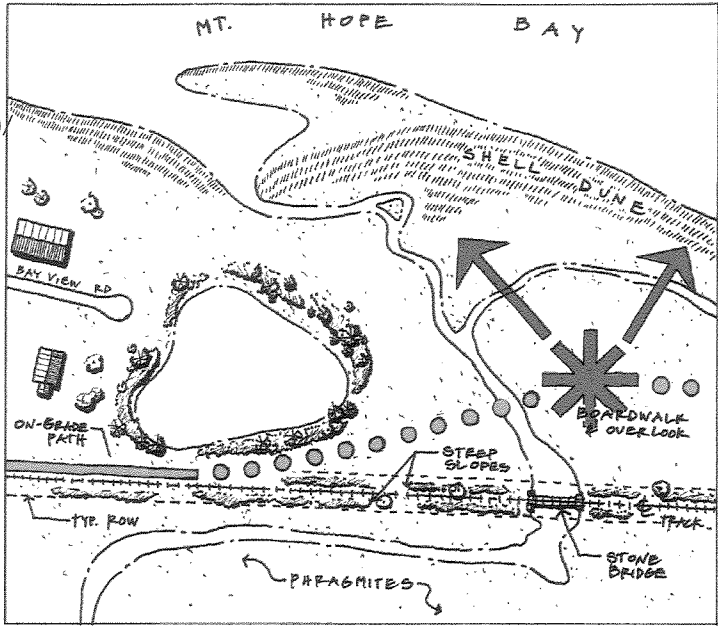
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Constraints

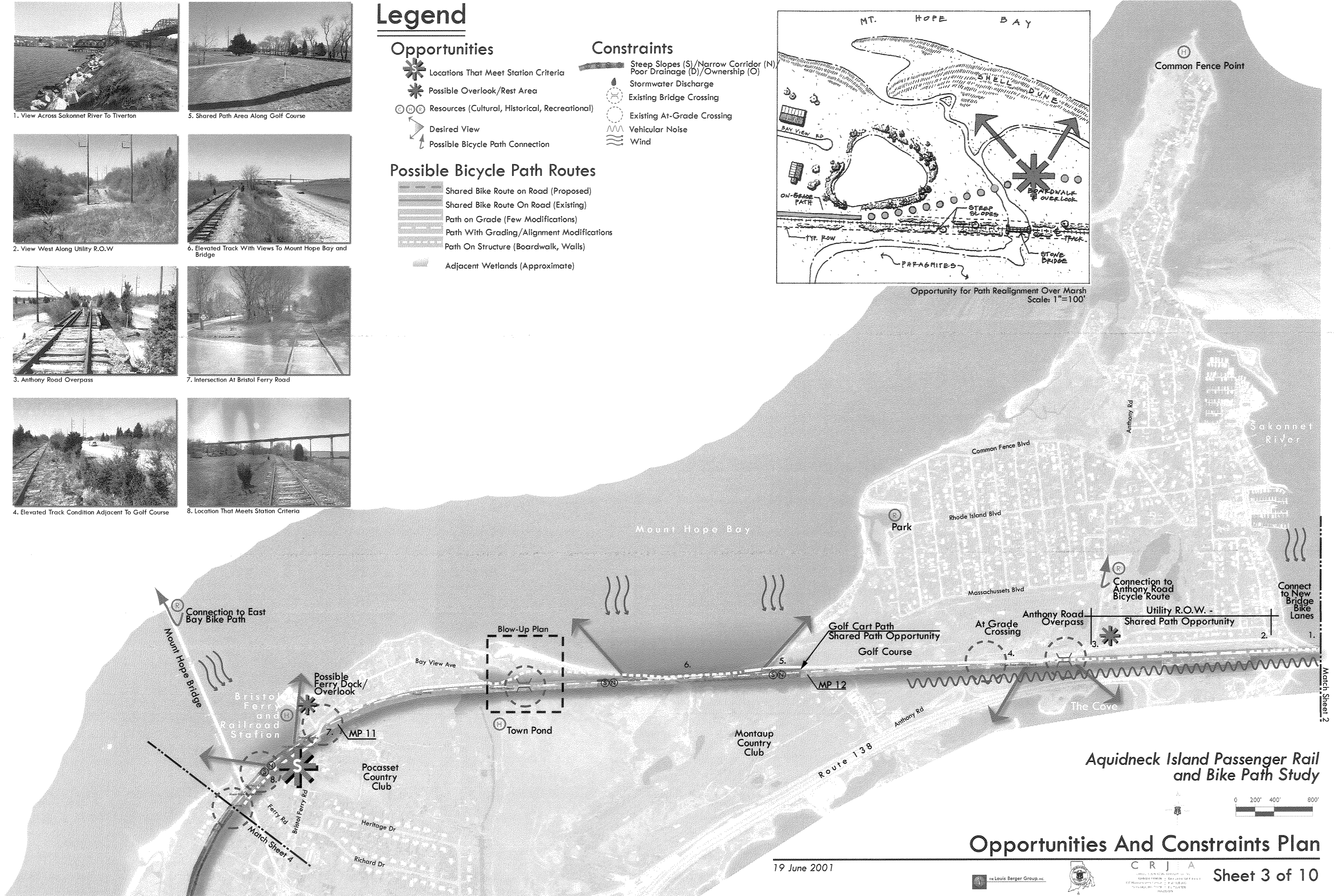
- Steep Slopes (S)/Narrow Corridor (N)
- Poor Drainage (D)/Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

## Possible Bicycle Path Routes

- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



Opportunity for Path Realignment Over Marsh  
Scale: 1"=100'



## Aquidneck Island Passenger Rail and Bike Path Study

## Opportunities And Constraints Plan

19 June 2001

St. Louis Berger Group, Inc.

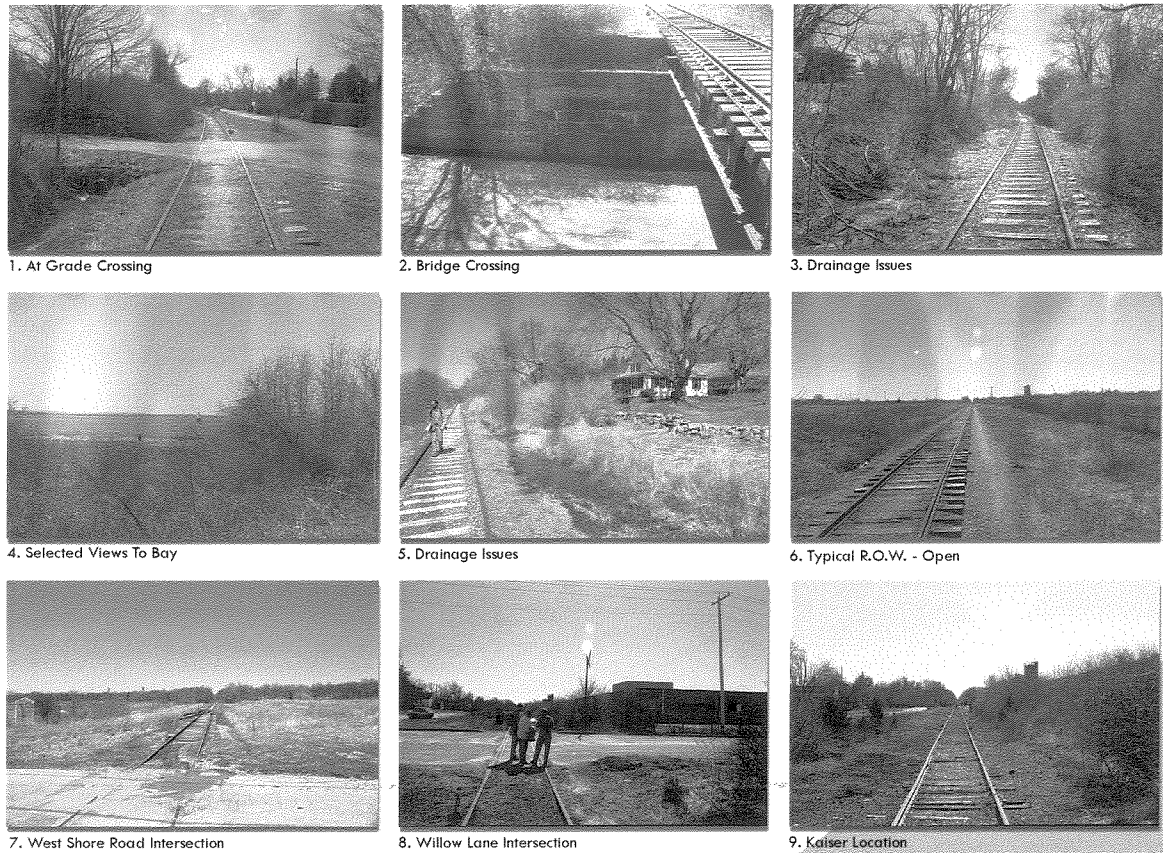


C R J A

100 Montross Avenue, Suite 200, Pawtucket, RI 02860  
Telephone: (401) 738-1100  
Fax: (401) 738-1101

Sheet 3 of 10





1. At Grade Crossing

2. Bridge Crossing

3. Drainage Issues

4. Selected Views To Bay

5. Drainage Issues

6. Typical R.O.W. - Open

7. West Shore Road Intersection

8. Willow Lane Intersection

9. Kaiser Location

# Legend

## Opportunities

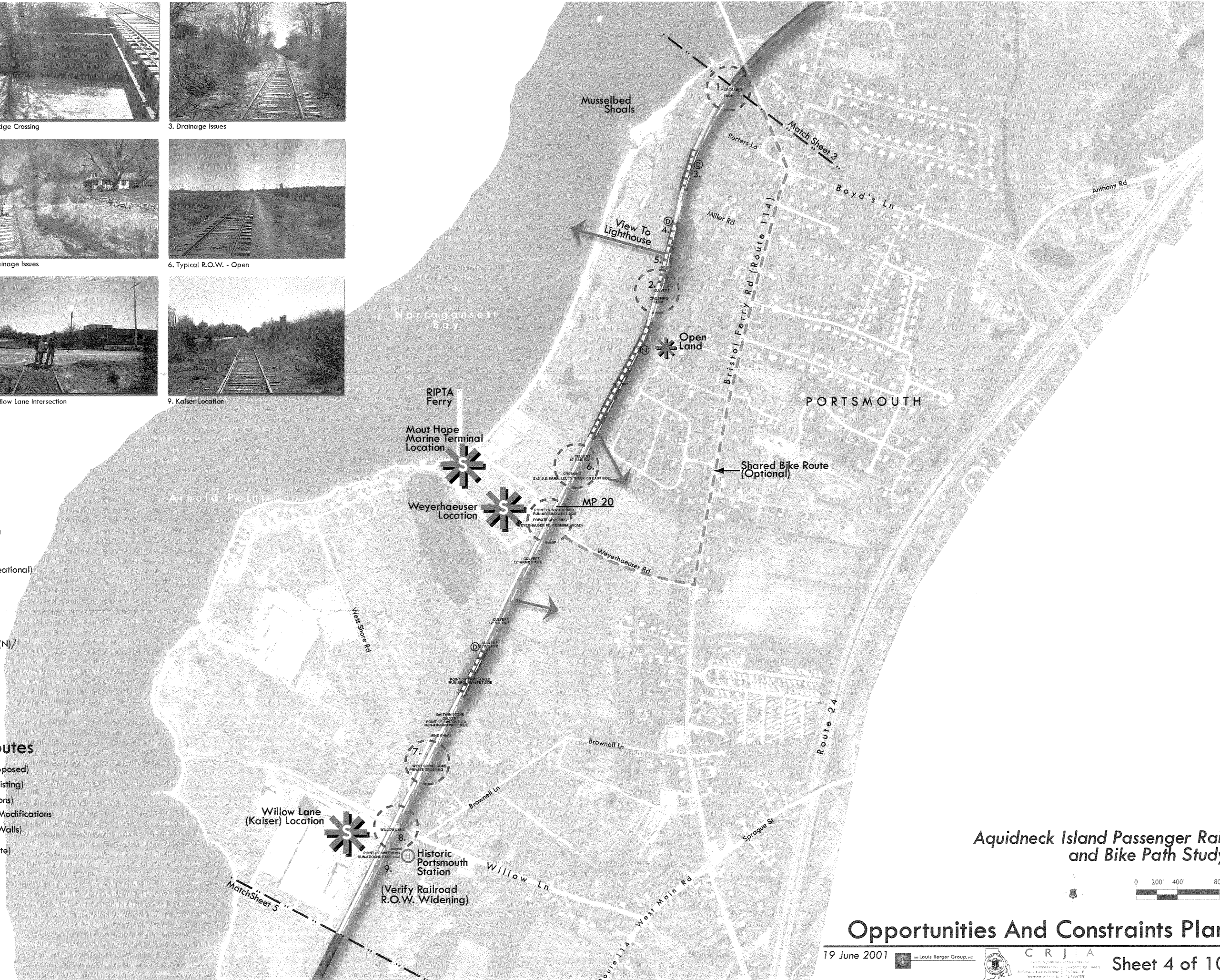
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Constraints

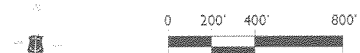
- Steep Slopes (S)/Narrow Corridor (N)/Poor Drainage (D) Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

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- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



Aquidneck Island Passenger Rail and Bike Path Study



# Opportunities And Constraints Plan

19 June 2001

The Louis Berger Group, Inc.



CRJA

Sheet 4 of 10



# Legend

## Opportunities

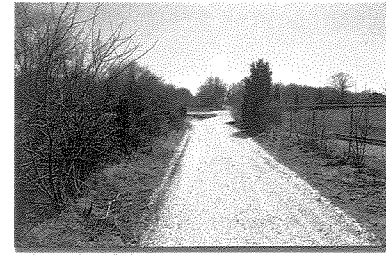
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Possible Bicycle Path Routes

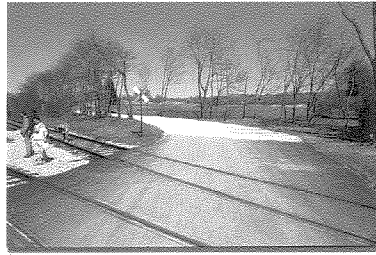
- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)

## Constraints

- Steep Slopes (S)/Narrow Corridor (N)/Poor Drainage (D) Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind



1. Path Within R.O.W.



2. Private Crossing



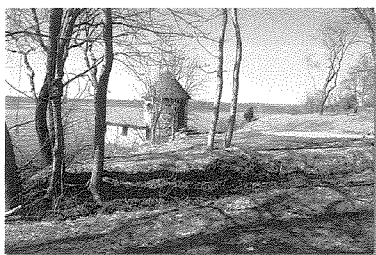
3. Bridge Over Barker Brook



4. Narrow R.O.W. Conditions



5. View North, Tracks To Right



6. Portsmouth Abbey Area



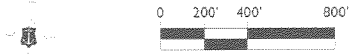
7. Stabilization Issues



8. Cory's Lane Location



## Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan

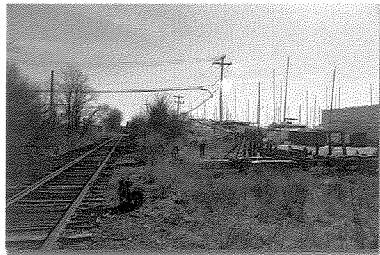
19 June 2001

The Louis Berger Group, Inc.

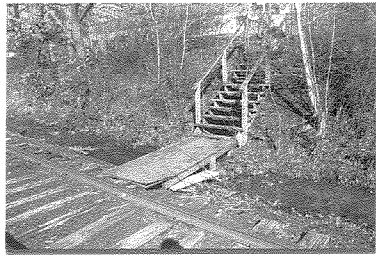


CRJIA  
Rhode Island Department of Transportation  
1100 State House Avenue, 1st Floor  
Providence, RI 02903  
Telephone: 401-221-1100  
Fax: 401-221-1101

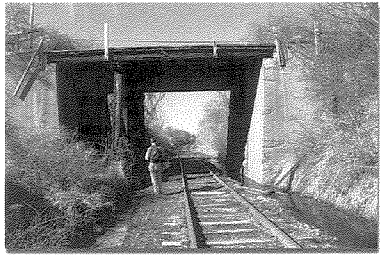




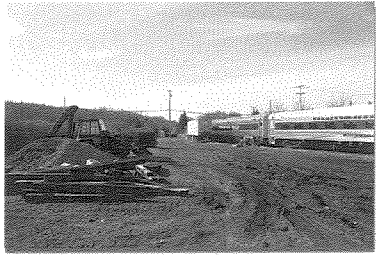
1. Railroad R.O.W. And Adjacent Marina



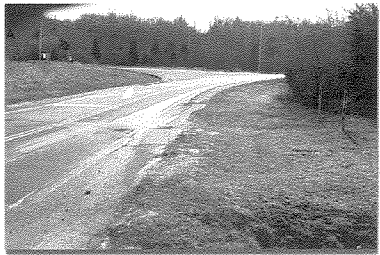
2. Private Pedestrian Crossing



3. Narrow Condition At Abandoned Bridge



4. Location That Meets Station Criteria



5. Future Connection To Burma Rd Bike Route



6. Existing Burma Rd Bike Lane



7. Poor Drainage Area



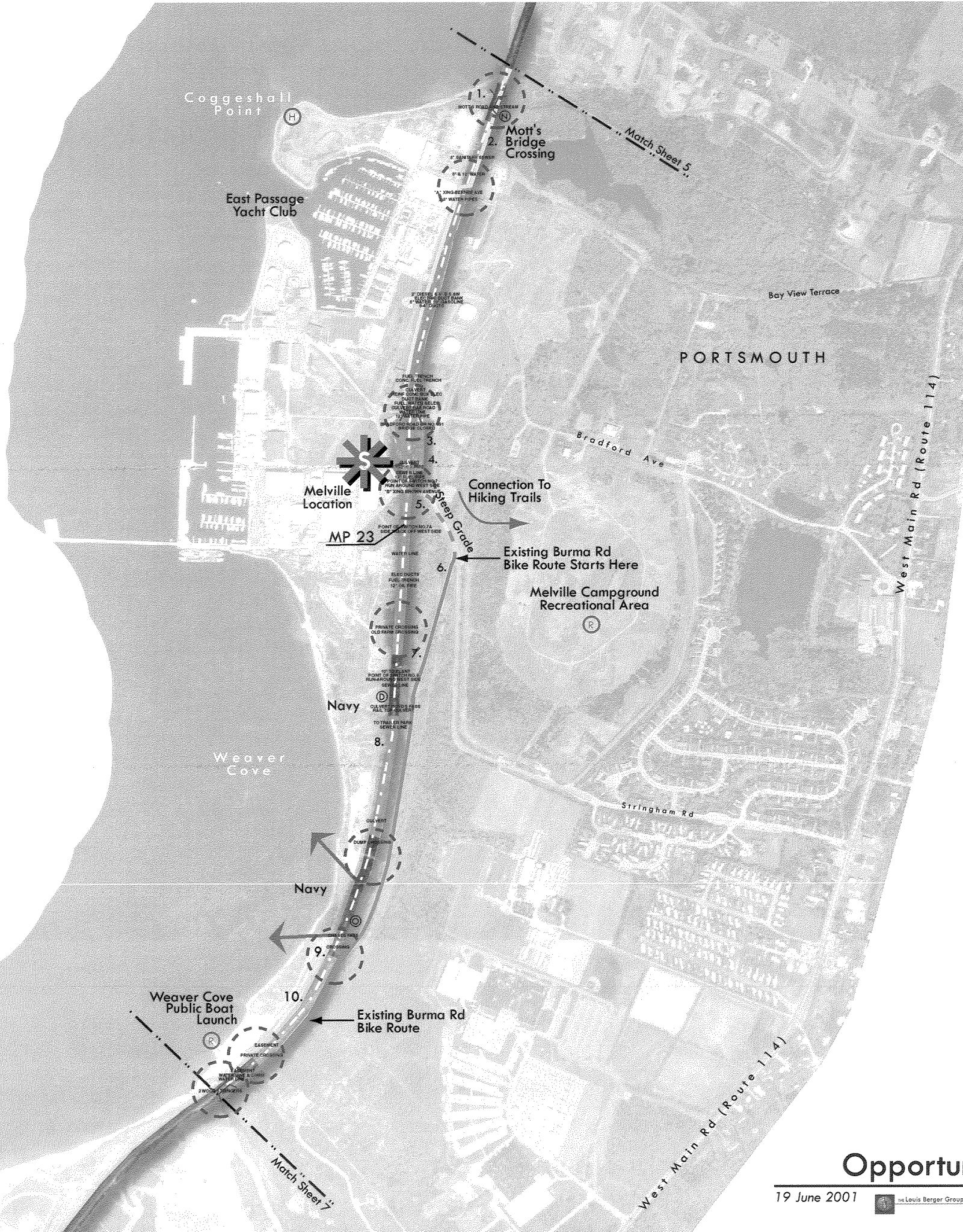
8. View To Weaver Cove



9. Signalized Crossing At Weaver Cove Boat Launch



10. Typical Railroad R.O.W. In Cut Condition



# Legend

## Opportunities

- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

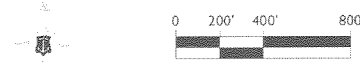
## Constraints

- Steep Slopes (S)/Narrow Corridor (N)/Poor Drainage (D) Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

## Possible Bicycle Path Routes

- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)

# Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan



# Legend

## Opportunities

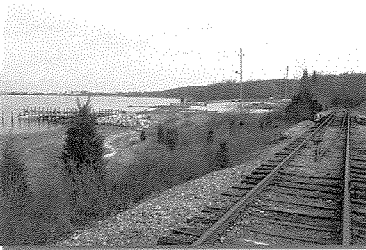
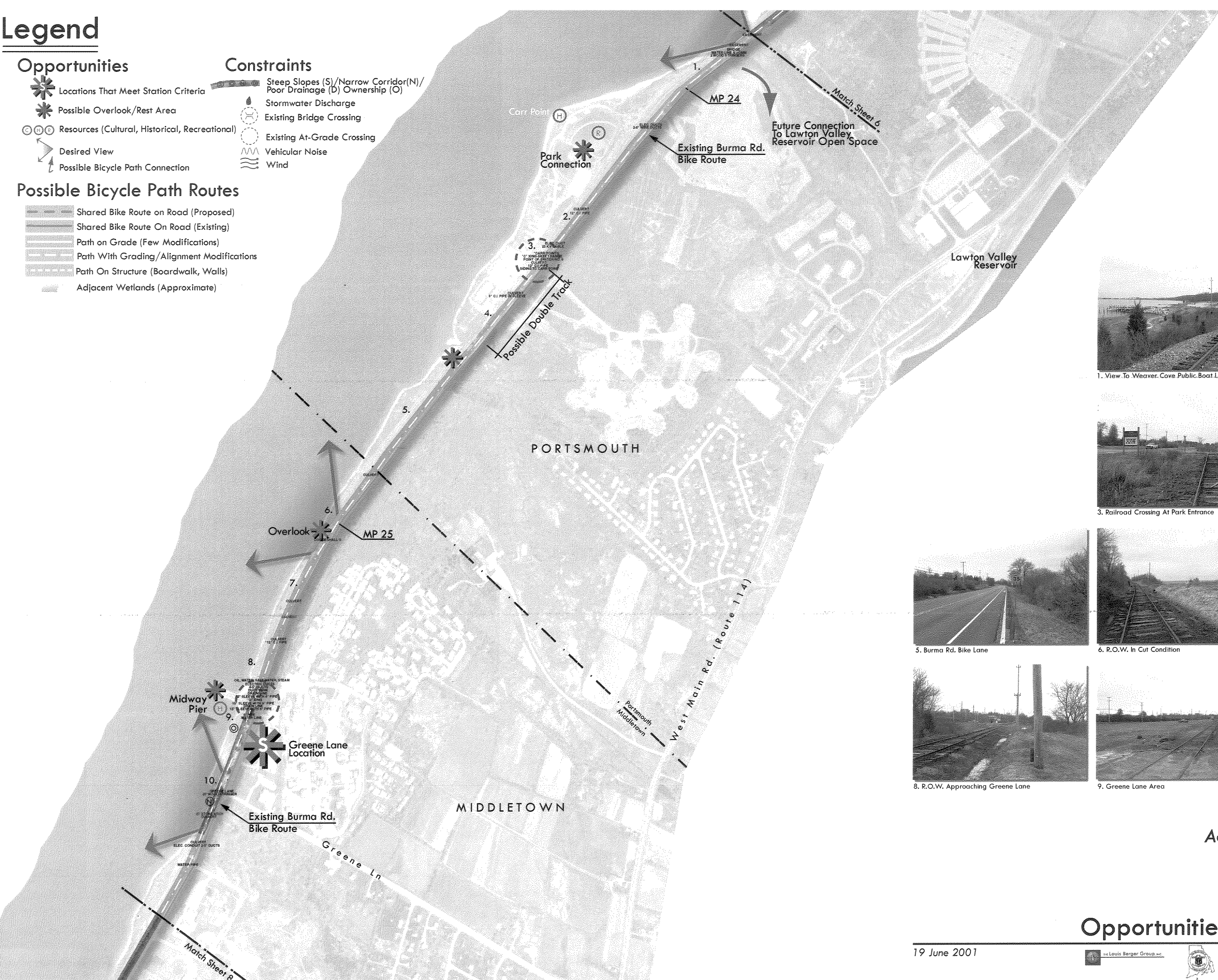
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
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- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



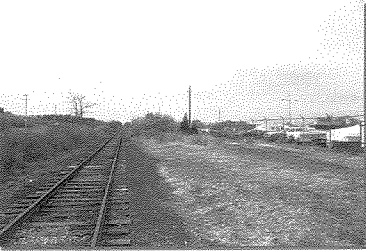
1. View To Weaver Cove Public Boat Launch



2. Park Facilities - Navy



3. Railroad Crossing At Park Entrance



4. Railroad R.O.W. At-Grade Condition



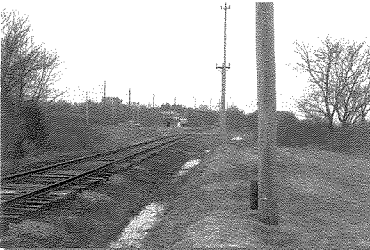
5. Burma Rd. Bike Lane



6. R.O.W. In Cut Condition



7. R.O.W. Adjacent To Utility Corridor



8. R.O.W. Approaching Greene Lane



9. Greene Lane Area



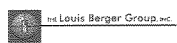
10. Narrow Corridor Condition At Bridge

## Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan

19 June 2001



CRJIA  
CARRINGTON RAIL INVESTMENT  
ANALYSIS  
1000 WEST MAIN STREET, SUITE 200  
PROVIDENCE, RHODE ISLAND 02903  
TEL: 401-863-1100 FAX: 401-863-1101  
WWW.CARRINGTONRAIL.COM

Sheet 7 of 10



# Legend

## Opportunities

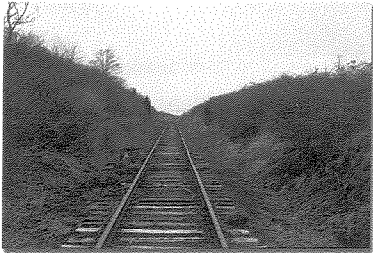
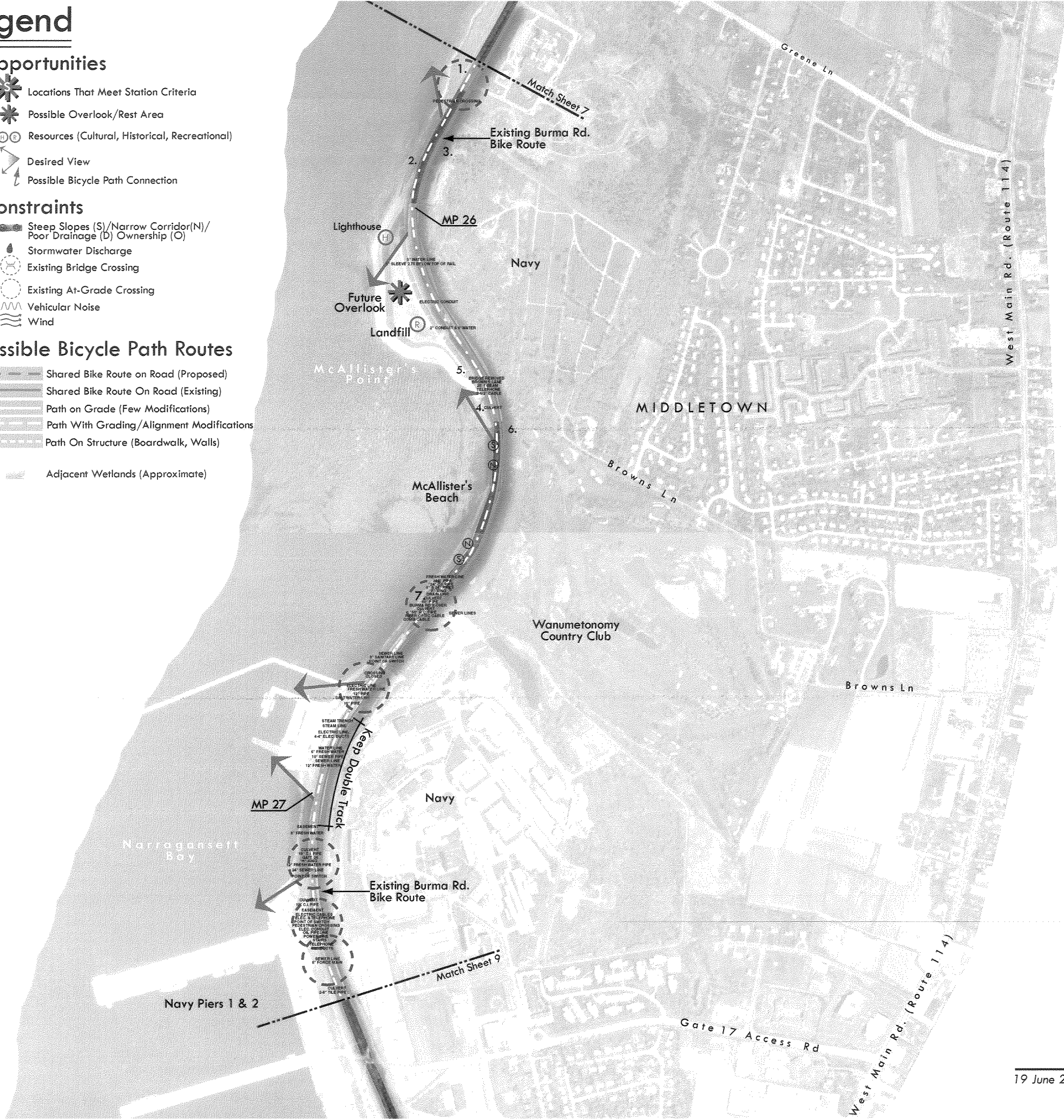
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Constraints

- Steep Slopes (S)/Narrow Corridor(N)/Poor Drainage (D) Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

## Possible Bicycle Path Routes

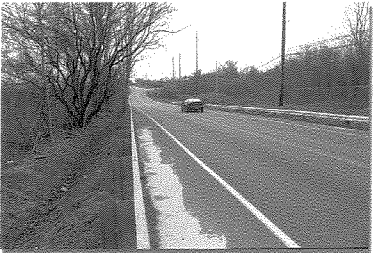
- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



1. Railroad R.O.W. in Cut Condition



2. View South To Landfill



3. Burma Road Bike Lane



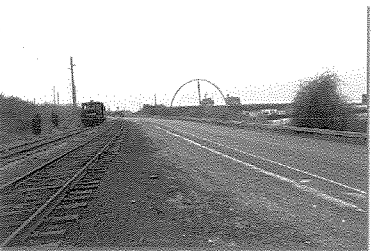
4. Narrow Corridor/Steep Slope Condition



5. Railroad R.O.W. Splits From Burma Road



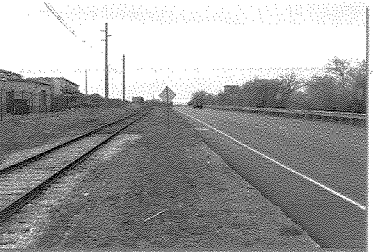
6. View North To McAllister Point



7. View To Periscope Structure



8. Railroad Crossing - Burma Road

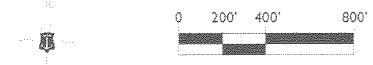


9. Burma Road Bike Lane



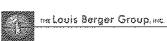
10. Burma Road Bike Lane

## Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan

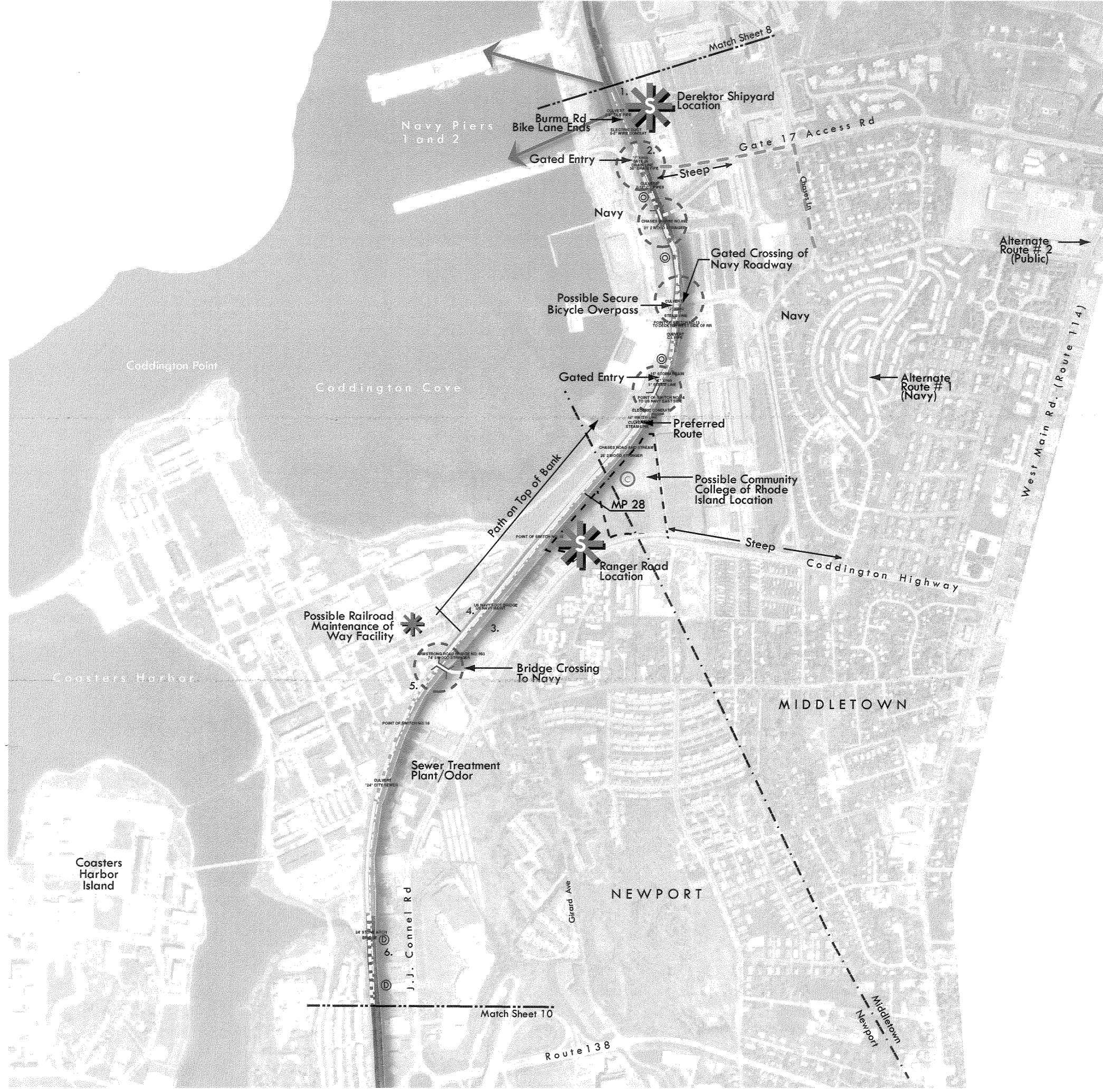
19 June 2001



C R J A  
CITY OF MIDDLETOWN  
1000 Main Street, Suite 200  
Middletown, RI 02842  
Tel: 401/846-1111  
Fax: 401/846-1112

Sheet 8 of 10





# Legend

## Opportunities

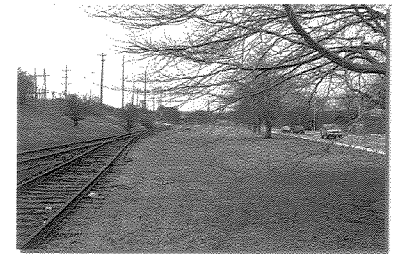
- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Constraints

- Steep Slopes (S)/Narrow Corridor(N)/Poor Drainage (D) Ownership (O)
- Stormwater Discharge
- Existing Bridge Crossing
- Existing At-Grade Crossing
- Vehicular Noise
- Wind

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- Shared Bike Route on Road (Proposed)
- Shared Bike Route On Road (Existing)
- Path on Grade (Few Modifications)
- Path With Grading/Alignment Modifications
- Path On Structure (Boardwalk, Walls)
- Adjacent Wetlands (Approximate)



1. Derektor Shipyard Location (Coddington Cove)



4. Possible Path Above Railroad



2. Railroad Crossing - Gate 17



5. View To Armstrong Bridge

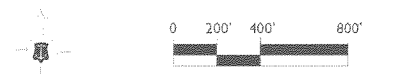


3. Narrow Corridor Condition



6. Narrow Bridge Crossings

## Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan

19 June 2001

McLaurin Berger Group, Inc.



CRJIA  
Rhode Island Department of Transportation  
100 Federal Street, Suite 200  
Providence, RI 02903  
(401) 455-1000





# Legend

## Opportunities

- Locations That Meet Station Criteria
- Possible Overlook/Rest Area
- Resources (Cultural, Historical, Recreational)
- Desired View
- Possible Bicycle Path Connection

## Constraints

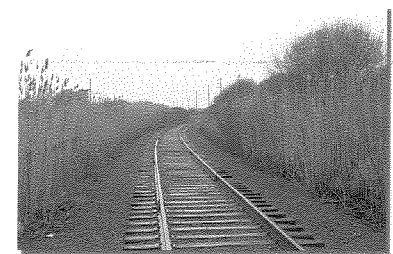
- Steep Slopes (S)/Narrow Corridor (N)/Poor Drainage (D) Ownership (O)
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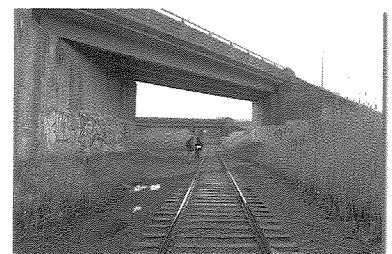
1. Signalized Crossing At Admiral Kalbfus Rd



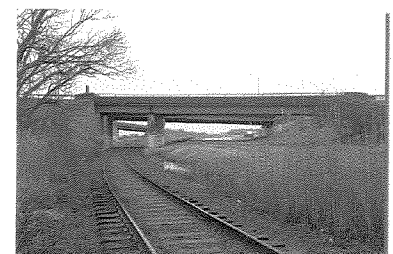
2. Drainage Issues



3. Drainage Issues



4. Condition At Pall Bridge On-Ramp



5. Condition At Pall Bridge On-Ramp



6. Bridge Condition - Van Zandt Ave



7. Abandoned Bridge - Narrow R.O.W.

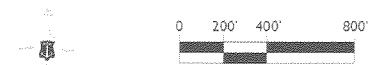


8. View To Historic Newport Depot



9. View To Gateway Condition

## Aquidneck Island Passenger Rail and Bike Path Study



## Opportunities And Constraints Plan

19 June 2007

The Louis Berger Group, Inc.



C R J A  
 CONSULTING ENGINEERS  
 1000 WEST 10TH AVENUE  
 SUITE 1000  
 DENVER, CO 80202  
 (303) 733-1100  
 www.crla.com

Sheet 10 of 10



**Concept Plans**

**Railroad Corridor**

- Figure 3-11:** Fall River, MA / Tiverton, RI
- Figure 3-12:** Anthony Road Station / Mount Hope Bay
- Figure 3-13:** Mount Hope Bridge / Mount Hope Station
- Figure 3-14:** Portsmouth Abbey / Melville Station
- Figure 3-15:** Carr Point / Greene Lane
- Figure 3-16:** McAllister’s Point / Navy Piers
- Figure 3-17:** CCRI Station / Newport Station

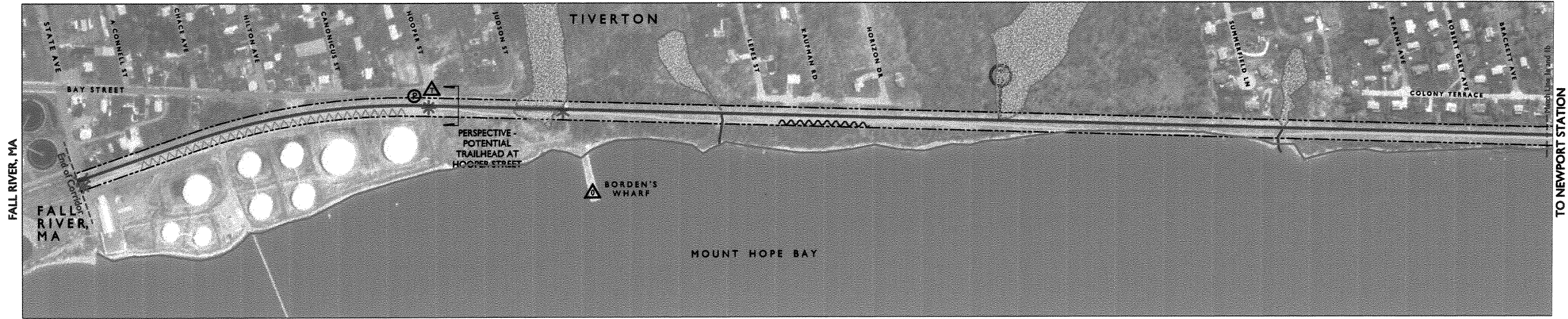
**Enlargement Plans and Perspectives**

*Stations*

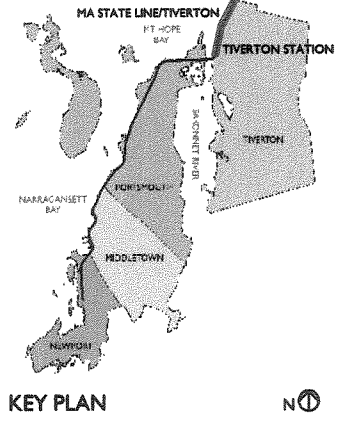
- Figure 3-12:** Anthony Road Station
- Figure 3-13:** Mt. Hope Station
- Figure 3-14:** Melville Station
- Figure 3-16:** CCRI Station
- Figure 3-17:** Newport Station

*Other Points of Interest*

- Figure 3-11:** Potential Trailhead at Hooper St.
- Figure 3-12:** Anthony Road Station at Grade Crossing
- Figure 3-13:** Boardwalk at Boyd’s Marsh
- Figure 3-13:** View West towards Mt. Hope Bridge
- Figure 3-14:** Stairway Crossing at St. Philomena School
- Figure 3-16:** Existing Path Condition at Navy Housing (Photo)



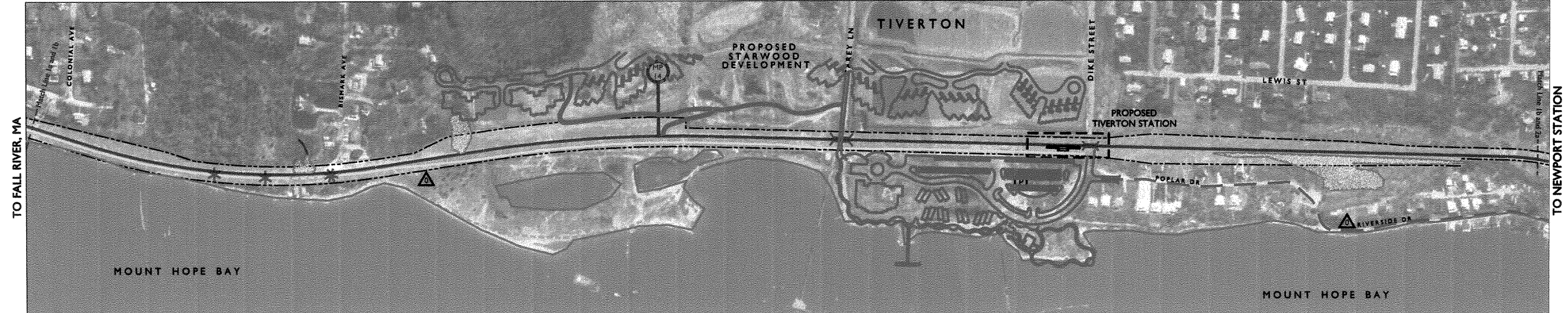
**PLAN 1a - FALL RIVER, MA / TIVERTON, RI**  
MILE POST 15.78 TO 14.54



- LEGEND**
- RAILROAD**
    - RAILROAD RIGHT-OF-WAY
    - RAILROAD CORRIDOR
    - PROPOSED TRACK LOCATION
    - PROPOSED PLATFORM AND SHELTER
    - MILEPOST MARKER
  - BICYCLE PATH**
    - SHARED BIKE ROUTE ON ROAD (PROPOSED)
    - SHARED BIKE ROUTE ON ROAD (EXISTING)
    - PATH ON GRADE
    - PATH ON STRUCTURE (INCLUDES BOARDWALK)
    - ALTERNATE PATH ROUTE (BOARDWALK DASHED)
  - TRAFFIC CROSSINGS**
    - ROAD CROSSING (MINOR)
    - ROAD CROSSING (MAJOR)
    - TRACK CROSSING
    - EXISTING BRIDGE CROSSING
  - WATER RESOURCES**
    - LIMIT OF FRESHWATER AND COASTAL WETLANDS
    - PERENNIAL STREAM
    - OTHER WATER BODY
  - POTENTIAL SITE FEATURES**
    - TRAILHEAD/GATEWAY
    - OVERLOOK
    - PARKING AREA (PUBLIC)
    - AREA OF HISTORIC INTEREST
    - VIEW MANAGEMENT AREA
    - SCREEN OR VEGETATED BUFFER



**PERSPECTIVE - POTENTIAL TRAILHEAD AT HOOPER STREET**



**PLAN 1b - TIVERTON STATION**  
MILE POST 14.54 TO 13.26



Barbara Sokoloff Associates

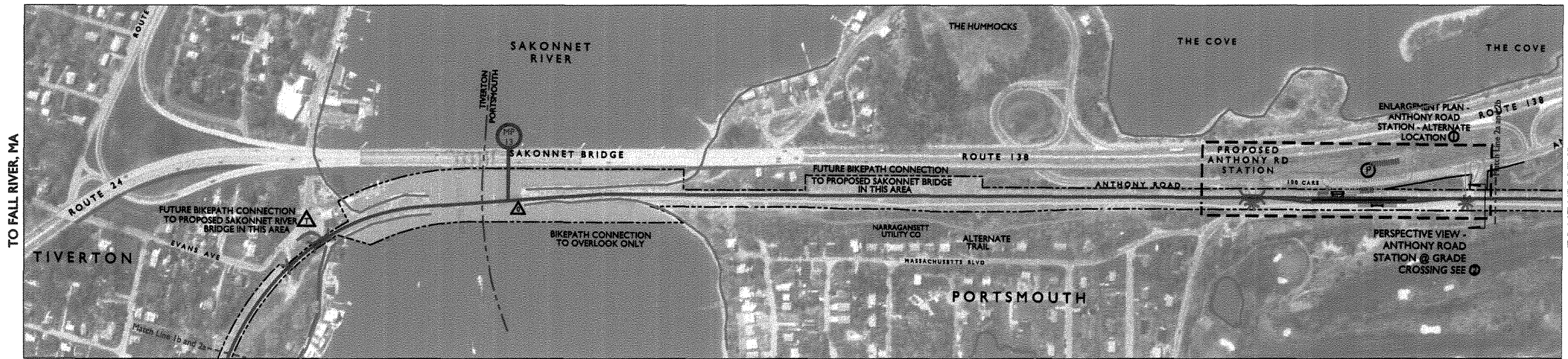
AKO and Associates, L.L.C.

GORDON, BUA & READ  
A DIVISION OF TRANSPORT GROUP  
30 ALBANY STREET  
READING, MASSACHUSETTS 01867

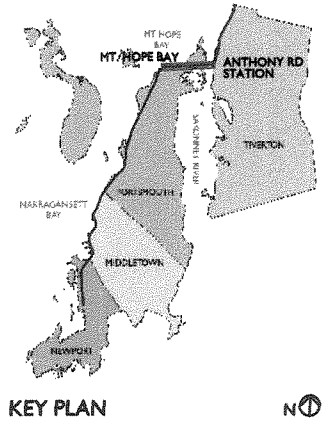
**C R J A**  
CAROL R. JOHNSON ASSOCIATES, INC.

**THE Louis Berger Group, Inc.**



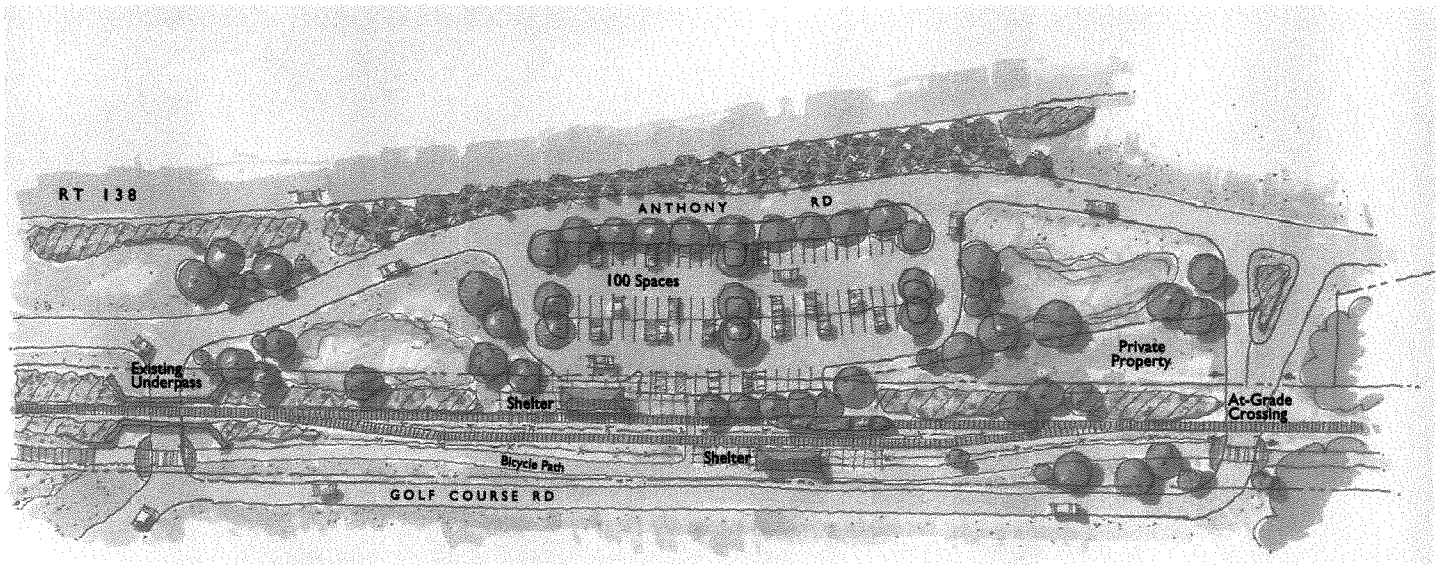


**PLAN 2a - ANTHONY ROAD STATION**  
MILE POST 13.26 TO 12.26



**LEGEND**

- RAILROAD**
  - RAILROAD RIGHT-OF-WAY
  - RAILROAD CORRIDOR
  - PROPOSED TRACK LOCATION
  - PROPOSED PLATFORM AND SHELTER
  - MILEPOST MARKER
- BICYCLE PATH**
  - SHARED BIKE ROUTE ON ROAD (PROPOSED)
  - SHARED BIKE ROUTE ON ROAD (EXISTING)
  - PATH ON GRADE
  - PATH ON STRUCTURE (INCLUDES BOARDWALK)
  - ALTERNATE PATH ROUTE (BOARDWALK DASHED)
- TRAFFIC CROSSINGS**
  - ROAD CROSSING (MINOR)
  - ROAD CROSSING (MAJOR)
  - TRACK CROSSING
  - EXISTING BRIDGE CROSSING
- WATER RESOURCES**
  - LIMIT OF FRESHWATER AND COASTAL WETLANDS
  - PERENNIAL STREAM
  - OTHER WATER BODY
- POTENTIAL SITE FEATURES**
  - TRAILHEAD/GATEWAY
  - OVERLOOK
  - PARKING AREA (PUBLIC)
  - AREA OF HISTORIC INTEREST
  - VIEW MANAGEMENT AREA
  - SCREEN OR VEGETATED BUFFER

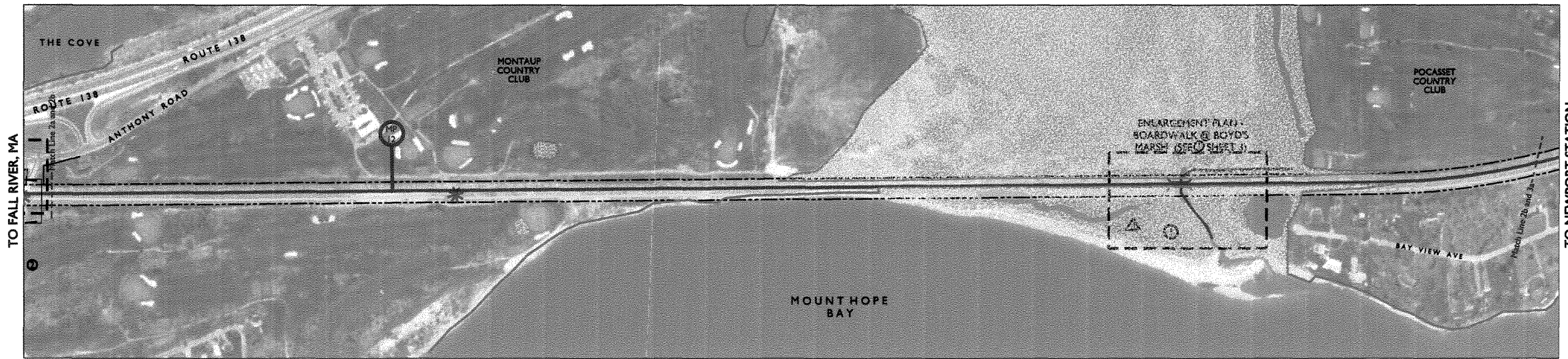


**① ENLARGEMENT PLAN - ANTHONY ROAD STATION  
ALTERNATE LOCATION**

SCALE: 1" = 60'



**② PERSPECTIVE VIEW - ANTHONY ROAD  
STATION @ GRADE CROSSING**



**PLAN 2b - MT. HOPE BAY**  
MILE POST 12.26 TO 11.14



Barbara Sokoloff  
Associates

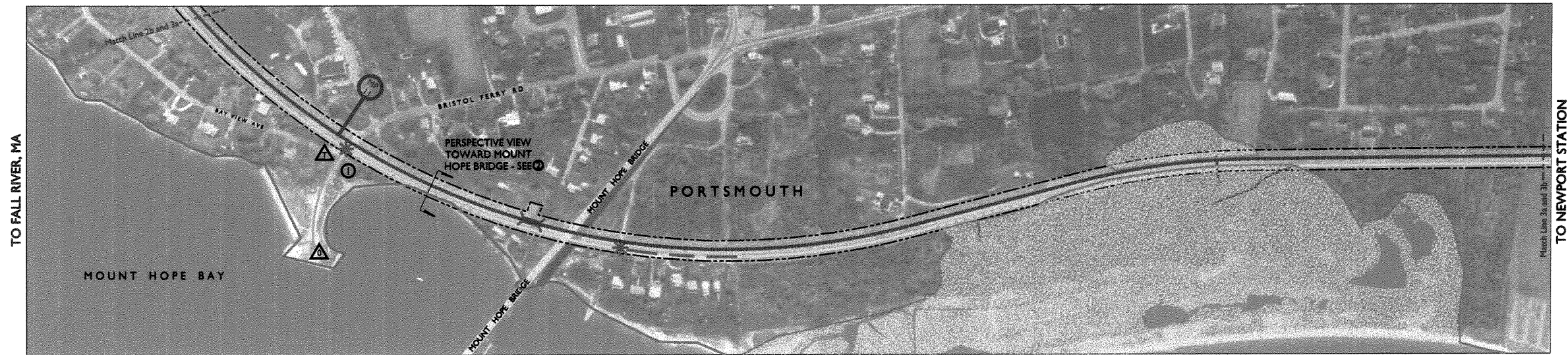
#KKO and Associates, L.L.C.

GORDON, BUA & BEAD  
A DIVISION OF TRANSPORTATION GROUP  
1000 STATE STREET  
POCASSETT, MASSACHUSETTS 01907

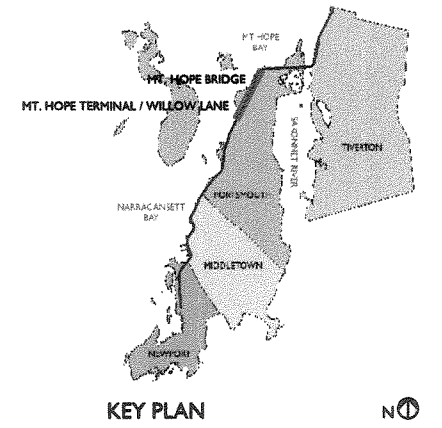
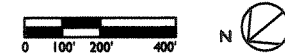
**CRJIA**  
CAROL R. JOHNSON ASSOCIATES, INC.

THE Louis Berger Group, INC.



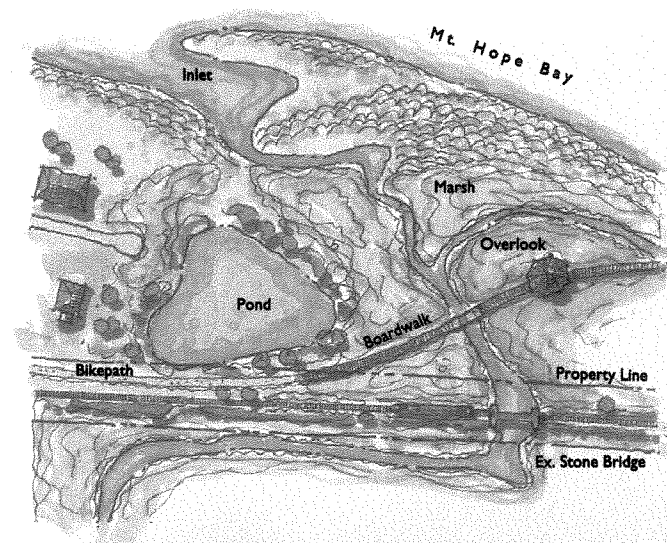


**PLAN 3a - MT. HOPE BRIDGE**  
MILE POST 11.14 TO 10.06



**LEGEND**

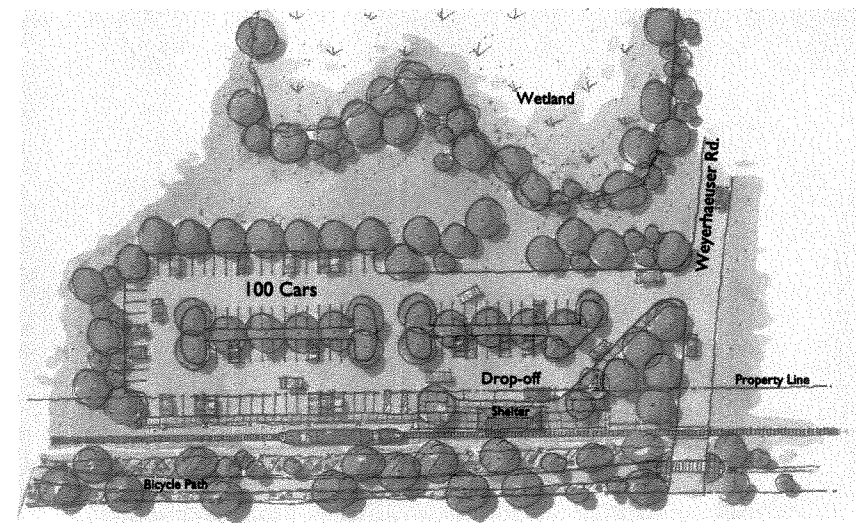
- RAILROAD**
  - RAILROAD RIGHT-OF-WAY
  - RAILROAD CORRIDOR
  - PROPOSED TRACK LOCATION
  - PROPOSED PLATFORM AND SHELTER
  - MP 15 MILEPOST MARKER
- BICYCLE PATH**
  - SHARED BIKE ROUTE ON ROAD (PROPOSED)
  - SHARED BIKE ROUTE ON ROAD (EXISTING)
  - PATH ON GRADE
  - PATH ON STRUCTURE (INCLUDES BOARDWALK)
  - ALTERNATE PATH ROUTE (BOARDWALK DASHED)
- TRAFFIC CROSSINGS**
  - \* ROAD CROSSING (MINOR)
  - \* ROAD CROSSING (MAJOR)
  - ⊗ TRACK CROSSING
  - EXISTING BRIDGE CROSSING
- WATER RESOURCES**
  - LIMIT OF FRESHWATER AND COASTAL WETLANDS
  - PERENNIAL STREAM
  - OTHER WATER BODY
- POTENTIAL SITE FEATURES**
  - △ TRAILHEAD/GATEWAY
  - △ OVERLOOK
  - Ⓟ PARKING AREA (PUBLIC)
  - Ⓢ AREA OF HISTORIC INTEREST
  - ~ VIEW MANAGEMENT AREA
  - ~ SCREEN OR VEGETATED BUFFER



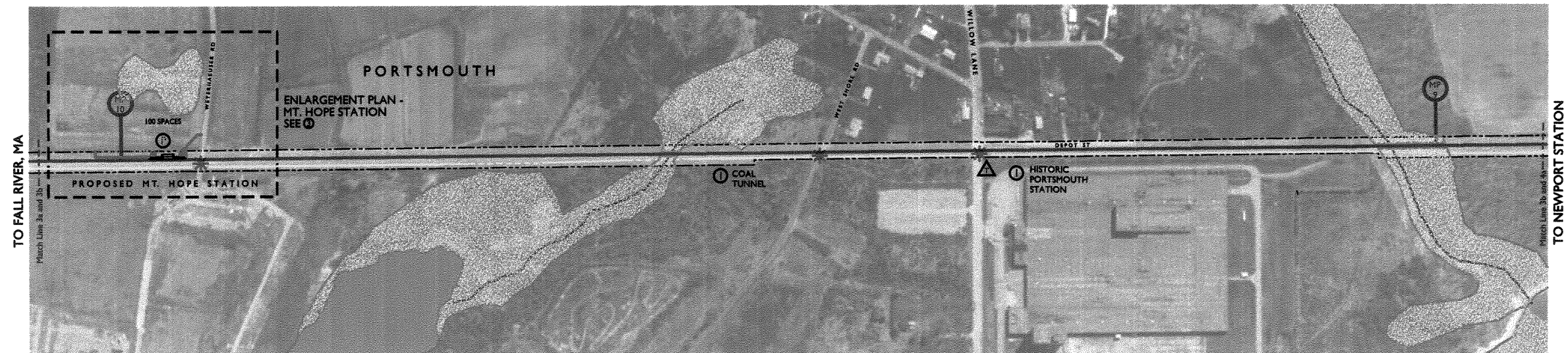
**1 ENLARGEMENT PLAN - BOARDWALK @ BOYD'S MARSH** (SEE PLAN 2b) SCALE: 1" = 100'



**2 PERSPECTIVE VIEW WEST TOWARDS MT. HOPE BRIDGE**



**3 ENLARGEMENT PLAN - MT. HOPE STATION** SCALE: 1" = 60'



**PLAN 3b - MT. HOPE STATION / WILLOW LANE**  
MILE POST 10.06 TO 8.92



Barbara Sokoloff  
Associates

AKO and Associates, L.L.C.



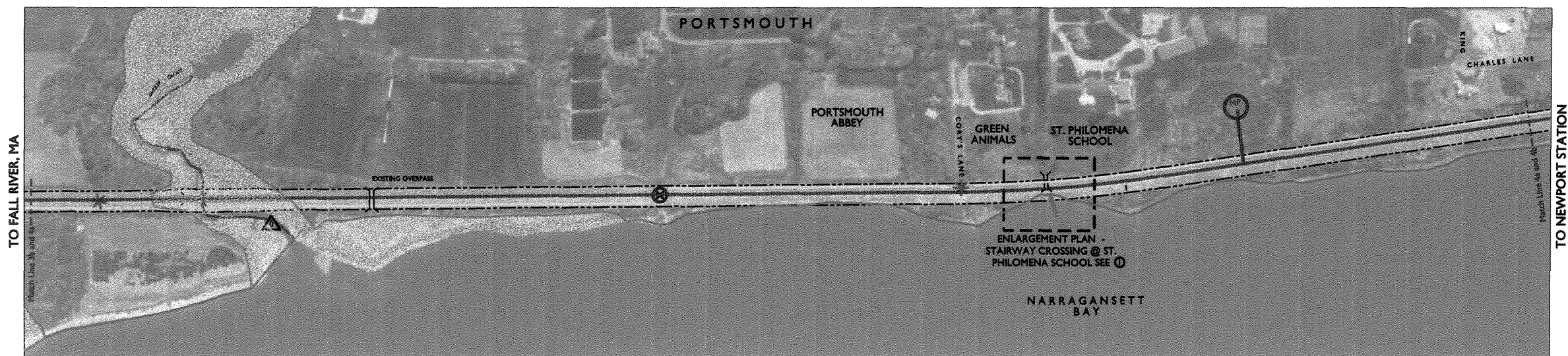
GORDON, BUA & READ  
A DIVISION OF TRANSCORP GROUP  
35 MAIN STREET  
NORFOLK, MASSACHUSETTS 01907

**CRJA**  
CAROL R. JOHNSON ASSOCIATES, INC.

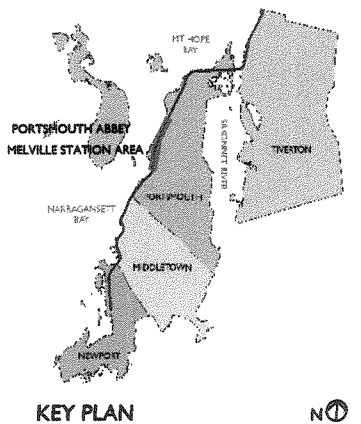


THE LOUIS BERGER GROUP, INC.





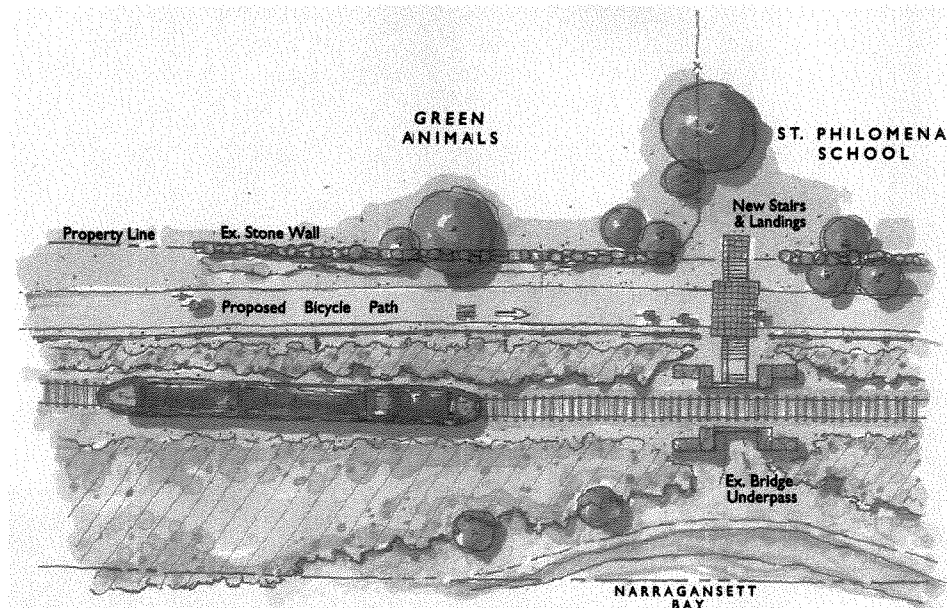
**PLAN 4a - PORTSMOUTH ABBEY**  
MILE POST 8.92 TO 7.78



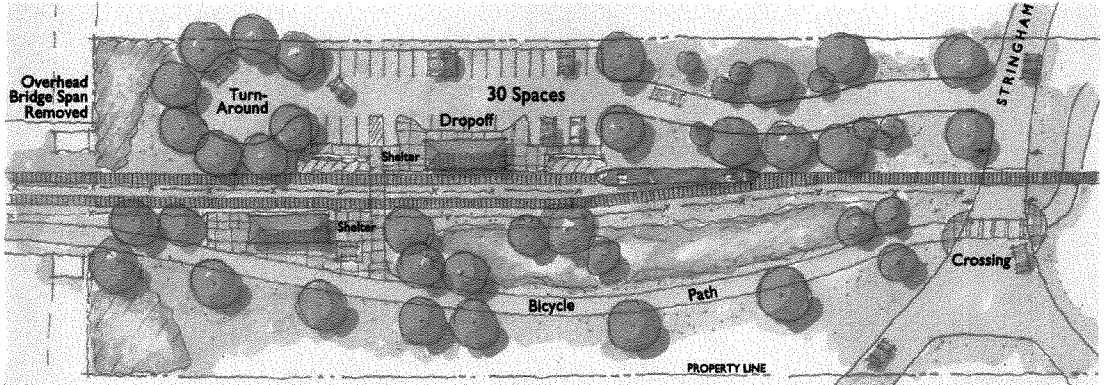
**KEY PLAN**

**LEGEND**

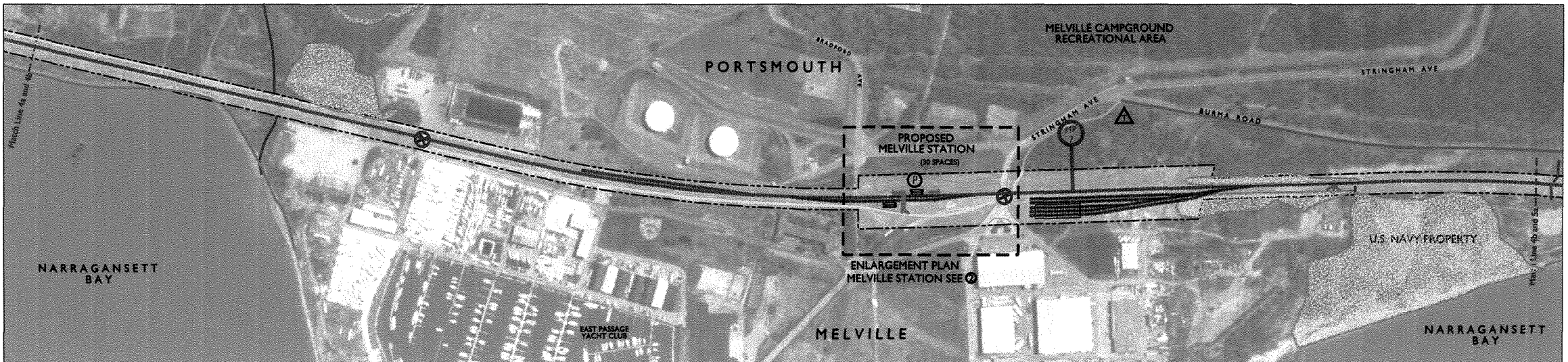
<b>RAILROAD</b>	RAILROAD RIGHT-OF-WAY
	RAILROAD CORRIDOR
	PROPOSED TRACK LOCATION
	PROPOSED PLATFORM AND SHELTER
	MILEPOST MARKER
<b>BICYCLE PATH</b>	SHARED BIKE ROUTE ON ROAD (PROPOSED)
	SHARED BIKE ROUTE ON ROAD (EXISTING)
	PATH ON GRADE
	PATH ON STRUCTURE (INCLUDES BOARDWALK)
	ALTERNATE PATH ROUTE (BOARDWALK DASHED)
<b>TRAFFIC CROSSINGS</b>	ROAD CROSSING (MINOR)
	ROAD CROSSING (MAJOR)
	TRACK CROSSING
	EXISTING BRIDGE CROSSING
<b>WATER RESOURCES</b>	LIMIT OF FRESHWATER AND COASTAL WETLANDS
	PERENNIAL STREAM
	OTHER WATER BODY
<b>POTENTIAL SITE FEATURES</b>	TRAILHEAD/GATEWAY
	OVERLOOK
	PARKING AREA (PUBLIC)
	AREA OF HISTORIC INTEREST
	VIEW MANAGEMENT AREA
	SCREEN OR VEGETATED BUFFER



**① ENLARGEMENT PLAN - STAIRWAY CROSSING @ THE ST. PHILOMENA SCHOOL**  
SCALE: 1" = 20'



**② ENLARGEMENT PLAN - MELVILLE STATION**  
SCALE: 1" = 50'



**PLAN 4b - MELVILLE STATION**  
MILE POST 7.78 TO 6.66



Barbara Sokoloff Associates

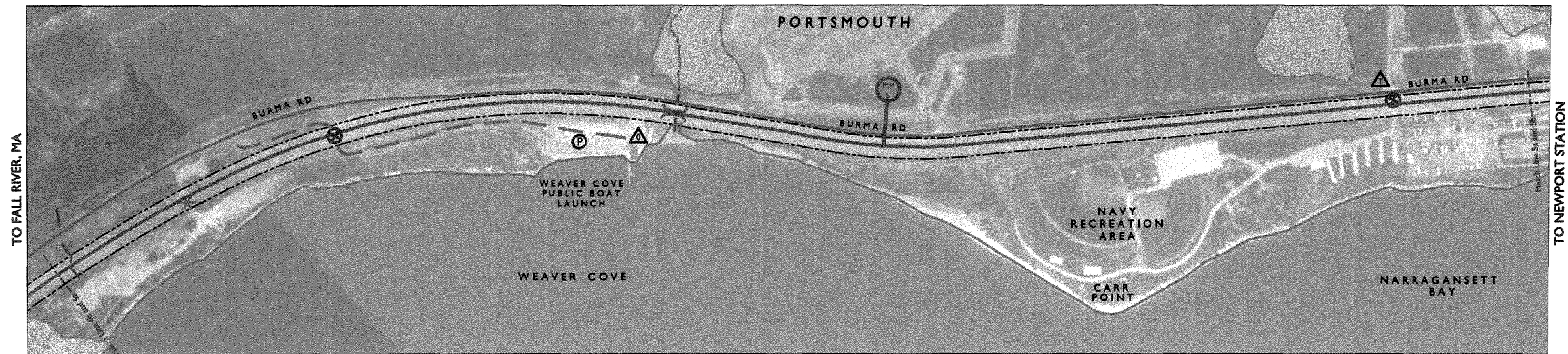
KKO and Associates, I.I.C.

GORDON, BUA & READ  
A DIVISION OF TRANSPORTATION CORP.  
11 BALDWIN STREET  
ROSLINDALE, MASSACHUSETTS 02127

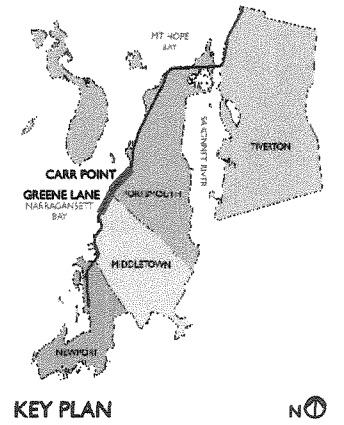
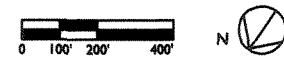
**CRJIA**  
CAROL R. JOHNSON ASSOCIATES, INC.

THE LOUIS BERGER GROUP, INC.



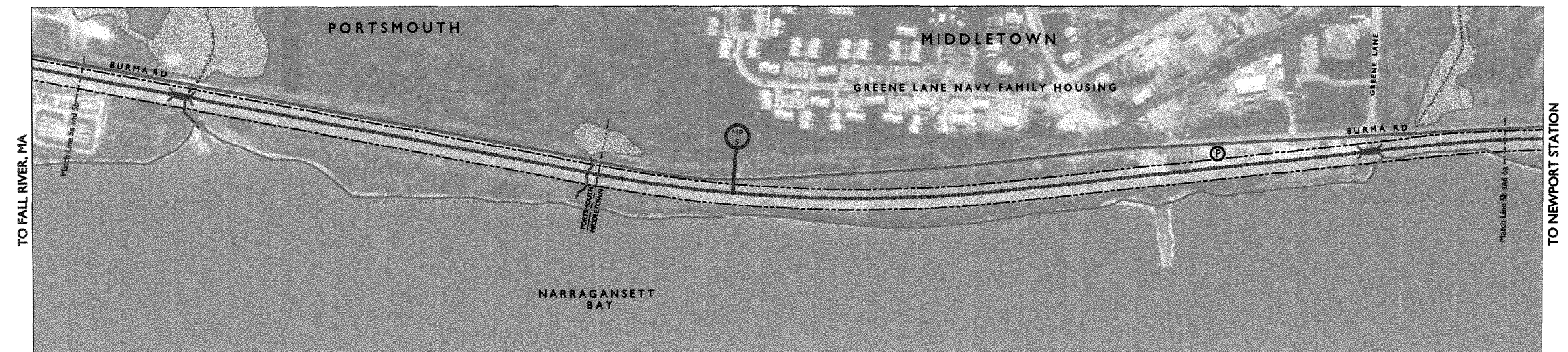


**PLAN 5a - CARR POINT**  
MILE POST 6.66 TO 5.50

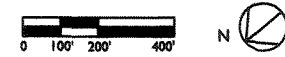


**LEGEND**

- RAILROAD**
- RAILROAD RIGHT-OF-WAY
  - RAILROAD CORRIDOR
  - PROPOSED TRACK LOCATION
  - PROPOSED PLATFORM AND SHELTER
  - MILEPOST MARKER
- BICYCLE PATH**
- SHARED BIKE ROUTE ON ROAD (PROPOSED)
  - SHARED BIKE ROUTE ON ROAD (EXISTING)
  - PATH ON GRADE
  - PATH ON STRUCTURE (INCLUDES BOARDWALK)
  - ALTERNATE PATH ROUTE (BOARDWALK DASHED)
- TRAFFIC CROSSINGS**
- ROAD CROSSING (MINOR)
  - ROAD CROSSING (MAJOR)
  - TRACK CROSSING
  - EXISTING BRIDGE CROSSING
- WATER RESOURCES**
- LIMIT OF FRESHWATER AND COASTAL WETLANDS
  - PERENNIAL STREAM
  - OTHER WATER BODY
- POTENTIAL SITE FEATURES**
- TRAILHEAD/GATEWAY
  - OVERLOOK
  - PARKING AREA (PUBLIC)
  - AREA OF HISTORIC INTEREST
  - VIEW MANAGEMENT AREA
  - SCREEN OR VEGETATED BUFFER



**PLAN 5b - GREENE LANE**  
MILE POST 5.50 TO 4.41





**PLAN 6a - Mc ALLISTER'S POINT**  
MILE POST 4.41 TO 3.27

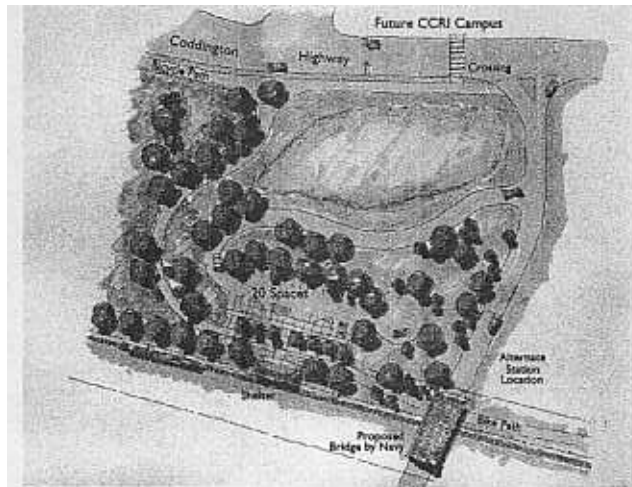


**KEY PLAN**



**LEGEND**

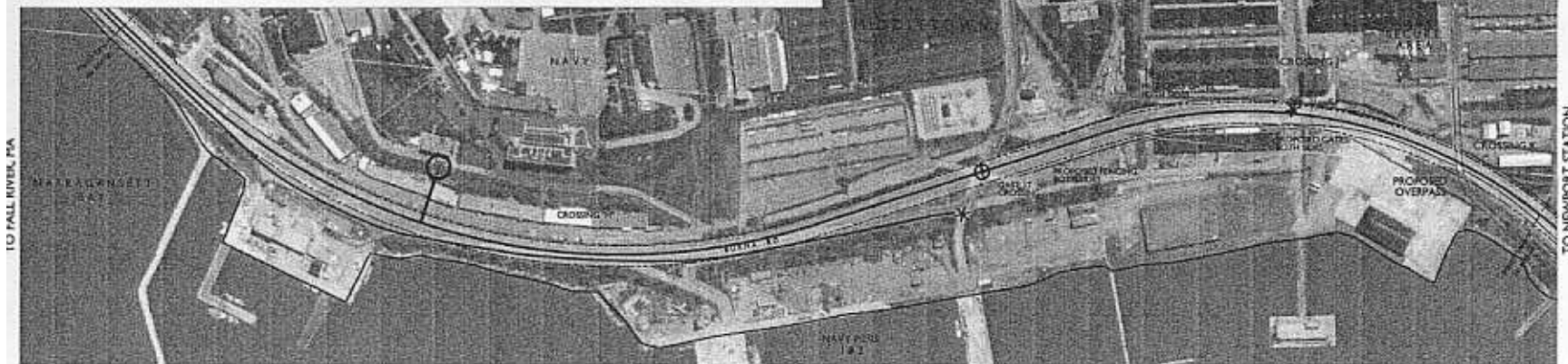
- PROPOSED PLATFORM AND SHELTER
- BIKEPORT MARKER
- BICYCLE PATH**
  - SHARED BIKE ROUTE ON ROAD (PROPOSED)
  - SHARED BIKE ROUTE ON ROAD (EXISTING)
- ALTERNATE PATH ROUTE (SIDEWALK DASHES)
- TRAFFIC CROSSINGS**
  - ROAD CROSSING (MINOR)
  - ROAD CROSSING (MAJOR)
  - TRACK CROSSING
  - EXISTING BRIDGE CROSSING
- WATER RESOURCES**
  - LINE OF FRESHWATER AND COASTAL WETLANDS
  - PERENNIAL STREAM
  - OTHER WATER BODY
- POTENTIAL SITE FEATURES**
  - TRAILHEAD/GATEWAY
  - OVERLOOK
  - PARKING AREA (PUBLIC)
  - AREA OF HISTORIC INTEREST
  - VIEW MANAGEMENT AREA
  - SCRUB OR VEGETATED BUFFER



**① ENLARGEMENT PLAN - CCRI STATION**  
(SEE SHEET 7)

SCALE: 1" = 60'

EXISTING PATH @  
NAVY HOUSING



**PLAN 6b - NAVY PIERS**  
MILE POST 3.27 TO 2.13



Barbara Sokoloff  
Associates

AKRO and Associates, I.J.C.

GORDON, REA & BEAD  
A GROUP OF DESIGNERS AND  
ENGINEERS

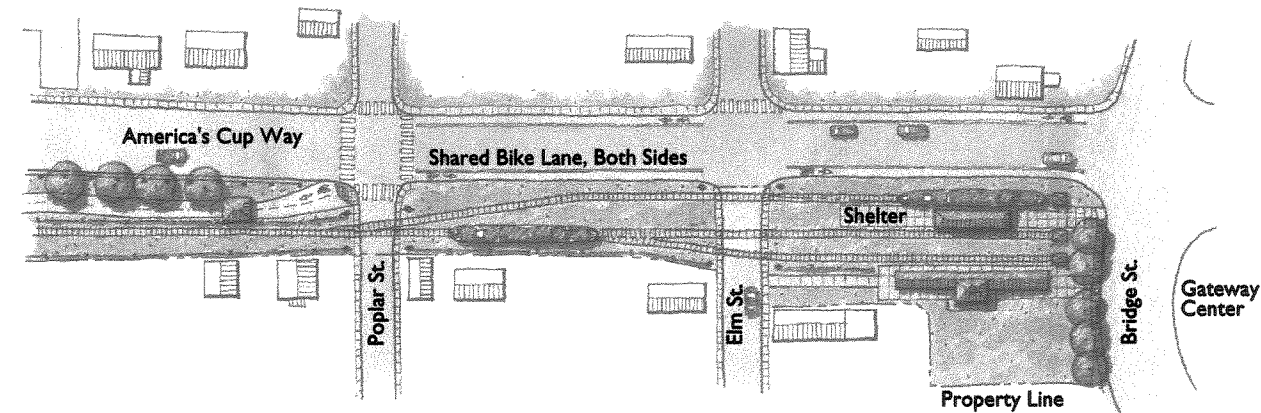
**CRJA**  
CAROL R. JORDAN ASSOCIATES, INC.

de Louis Berger Group, INC.

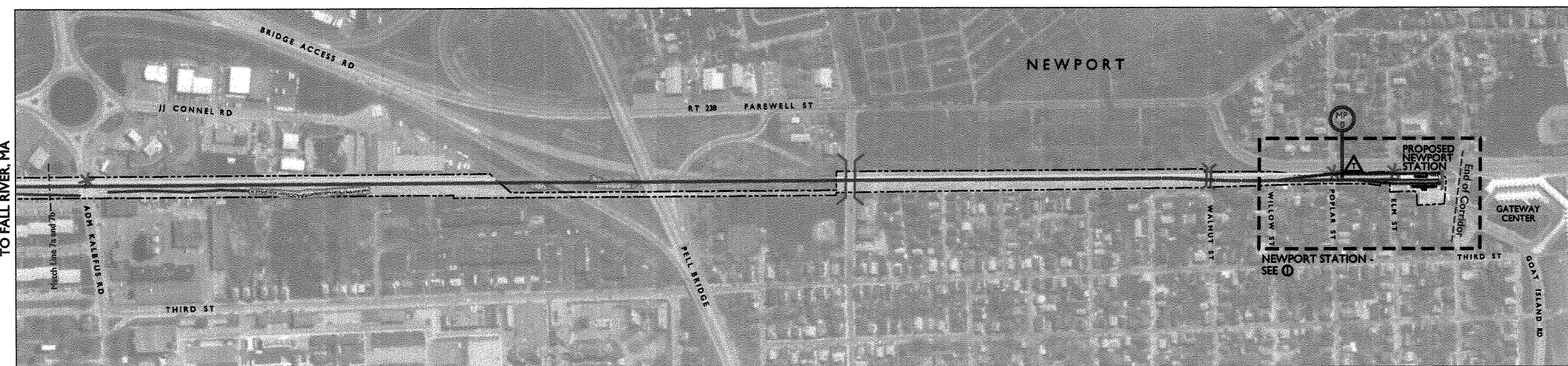
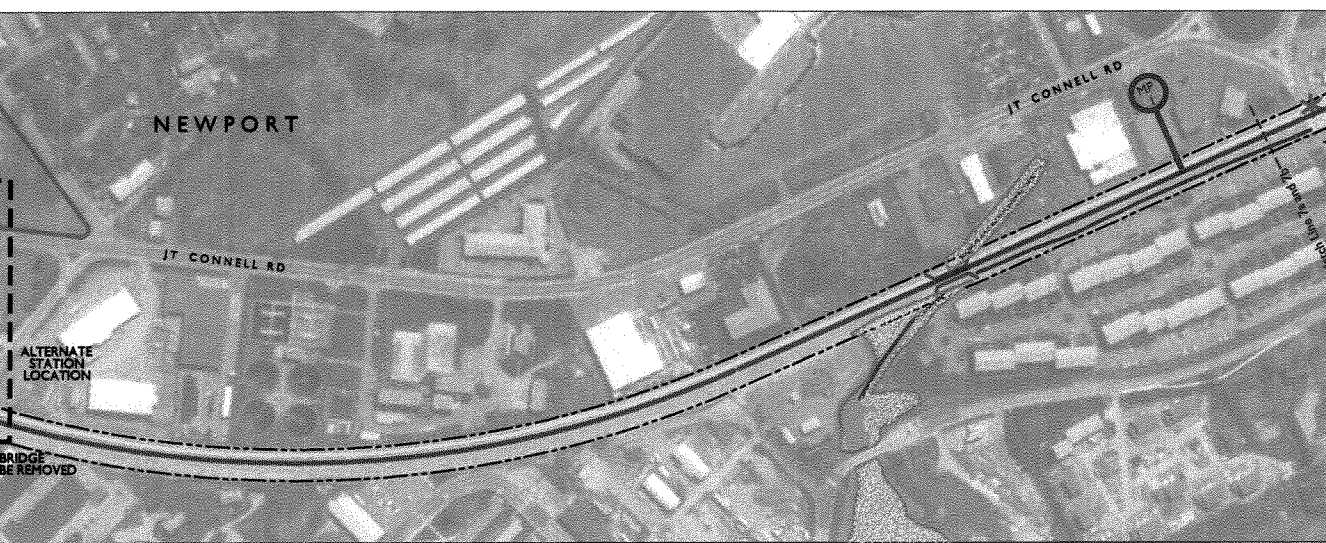




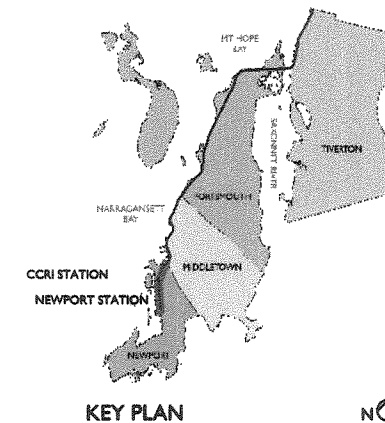
**PLAN 7a - CCRI / RANGER ROAD STATION**  
MILE POST 2.13 TO 0.96



**① ENLARGEMENT PLAN - NEWPORT STATION**  
SCALE: 1" = 50'



**PLAN 7b - NEWPORT STATION**  
MILE POST 0.96 TO 0.00



## LEGEND

- RAILROAD**
- RAILROAD RIGHT-OF-WAY
  - RAILROAD CORRIDOR
  - PROPOSED TRACK LOCATION
  - PROPOSED PLATFORM AND SHELTER
  - MILEPOST MARKER
- BICYCLE PATH**
- SHARED BIKE ROUTE ON ROAD (PROPOSED)
  - SHARED BIKE ROUTE ON ROAD (EXISTING)
  - PATH ON GRADE
  - PATH ON STRUCTURE (INCLUDES BOARDWALK)
  - ALTERNATE PATH ROUTE (BOARDWALK DASHED)
- TRAFFIC CROSSINGS**
- ROAD CROSSING (MINOR)
  - ROAD CROSSING (MAJOR)
  - TRACK CROSSING
  - EXISTING BRIDGE CROSSING
- WATER RESOURCES**
- LIMIT OF FRESHWATER AND COASTAL WETLANDS
  - PERENNIAL STREAM
  - OTHER WATER BODY
- POTENTIAL SITE FEATURES**
- TRAILHEAD/GATEWAY
  - OVERLOOK
  - PARKING AREA (PUBLIC)
  - AREA OF HISTORIC INTEREST
  - VIEW MANAGEMENT AREA
  - SCREEN OR VEGETATED BUFFER



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AKKO and Associates, L.L.C.

GORDON, BUA & BEAD  
A DIVISION OF TRANSPORTATION CORP.  
READING, MASSACHUSETTS 01867

C R J : A  
CAROL R. JOHNSON ASSOCIATES, INC.

THE Louis Berger Group, INC.

**Environmental Studies**

- Figure 1-T:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 15.8 to 14.7, Tiverton
- Figure 2-T:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 14.7 to 13.6, Tiverton
- Figure 3-PT:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 13.6 to 12.3, Portsmouth and Tiverton
- Figure 4-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 12.3 to 11.2, Portsmouth
- Figure 5-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 11.2 to 10.1, Portsmouth
- Figure 6-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 10.1 to 8.9, Portsmouth
- Figure 7-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 8.9 to 7.8, Portsmouth
- Figure 8-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 7.8 to 6.7, Portsmouth
- Figure 9-P:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 6.7 to 5.6, Portsmouth
- Figure 10-MP:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 5.6 to 4.4, Portsmouth and Middletown
- Figure 11-M:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 4.4 to 3.2, Middletown
- Figure 12-M:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 3.2 to 2.1, Middletown
- Figure 13-NM:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 2.1 to 0.9, Newport and Middletown
- Figure 14-N:** Environmental Resources and Recognized Environmental Conditions  
Mileposts 0.9 to -0.1, Tiverton





**Rhode Island Department of  
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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 1-T**

Mileposts 15.8 to 14.7

Source: RIGIS

TIVERTON, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002





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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 2-T**

Mileposts 14.7 to 13.6

Source: RIGIS	TIVERTON, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 3-PT**

Mileposts 13.6 to 12.3

Source: RIGIS	PORTSMOUTH, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**LEGEND**

- Flood Zone A
- Flood Zone AE
- Flood Zone VE
- Flood Zone X500

- Coastal Wetland
- Freshwater Wetland
- Stream
- New Bike Path
- Bike Path on Existing Roads

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 4-P**

Mileposts 12.3 to 11.2

Source: RIGIS

PORTSMOUTH, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002





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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 5-P**

Mileposts 11.2 to 10.1

Source: RIGIS	PORTSMOUTH, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**Rhode Island Department of  
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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 6-P**

Mileposts 10.1 to 8.9

Source: RIGIS	PORTSMOUTH, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**Rhode Island Department of  
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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 7-P**

Mileposts 8.9 to 7.8

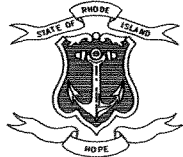
Source: RIGIS

PORTSMOUTH, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002





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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 8-P**

Mileposts 7.8 to 6.7

Source: RIGIS	PORTSMOUTH, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**Rhode Island Department of  
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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 9-P**

Mileposts 6.7 to 5.6

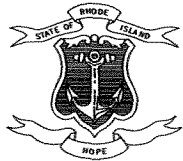
Source: RIGIS

PORTSMOUTH, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002





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**The Louis Berger Group, Inc.**

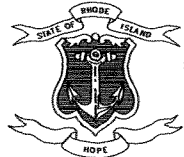
**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 10-MP**  
Mileposts 5.6 to 4.4

Source: RIGIS	PORTS./MIDDLE., RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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**Rhode Island Department of  
Transportation**



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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 11-M**

Mileposts 4.4 to 3.2

Source: RIGIS

MIDDLETOWN, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002





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Transportation**



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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 12-M**

Mileposts 3.2 to 2.1

Source: RIGIS	MIDDLETOWN, RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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04/01/PV0



File: LBG\_sh\_2.dwg



**Rhode Island Department of  
Transportation**



**The Louis Berger Group, Inc.**

**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 13-NM**

Mileposts 2.1 to 0.9

Source: RICIS	NEW./MIDDLE., RHODE ISLAND	Scale: 1" = 400 Feet	June 2002
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Transportation**



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**LEGEND**

- |                 |                             |
|-----------------|-----------------------------|
| Flood Zone A    | Coastal Wetland             |
| Flood Zone AE   | Freshwater Wetland          |
| Flood Zone VE   | Stream                      |
| Flood Zone X500 | New Bike Path               |
|                 | Bike Path on Existing Roads |

**AQUIDNECK RAIL/BIKE PATH PROJECT  
ENVIRONMENTAL STUDIES FIGURE 14-N**

Mileposts 0.9 to -0.1

Source: RIGIS

NEWPORT, RHODE ISLAND

Scale: 1" = 400 Feet

June 2002



**APPENDIX B**  
**PHOTOGRAPHS**  
Photographs taken at the rail corridor during inspections

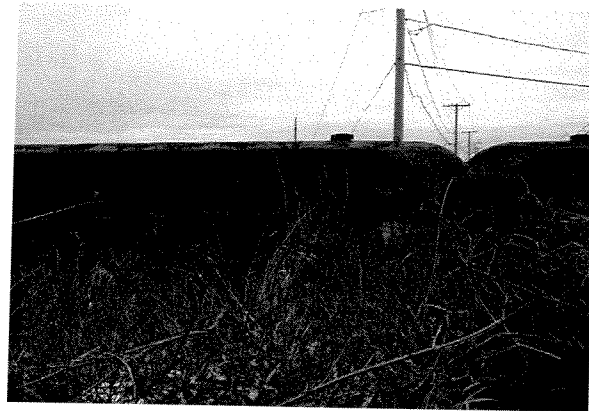


Photo 3-1: Abandoned Rail cars located adjacent to the Subject Property.



Photo 3-2: Typical stains on railroad ties.



Photo 3-3: Abandoned plastic barrel located adjacent to the Subject Property.



Photo 4-1: Tall silo located at the north end of the building and adjacent to the Subject Property.



Photo 4-2: Tall silos located at the south end of the building and adjacent to the Subject Property.



Photo 4-3: Solid waste located adjacent to the Subject Property at the foreground.



Photo 4-4: Turbid standing water within the Subject Property.



Photo 4-5: Orange powdery substance located within the ditch of the Subject Property.



Photo 4-6: Oil Sheen within ditch at the Subject Property.



RHODE ISLAND DEPARTMENT OF  
TRANSPORTATION

THE LOUIS BERGER GROUP, INC.



### Segment 3 Site Photographs

AQUIDNECK ISLAND RAIL  
PORTSMOUTH, RHODE ISLAND

Source: LBG

PH1 Aquidneck.ppt

May 2002



RHODE ISLAND DEPARTMENT OF  
TRANSPORTATION

THE LOUIS BERGER GROUP, INC.



### Segment 4 Site Photographs

AQUIDNECK ISLAND RAIL  
PORTSMOUTH, RHODE ISLAND

Source: LBG

PH1 Aquidneck.ppt

May 2002





Photo 4-7: Junk metal and electrical parts adjacent to the Subject Property (Melville dinner train staging area).



Photo 4-8: Batteries adjacent to the Subject Property (Melville dinner train staging area).



Photo 4-9: Used oil drums located adjacent to the Subject Property (Melville dinner train staging area).

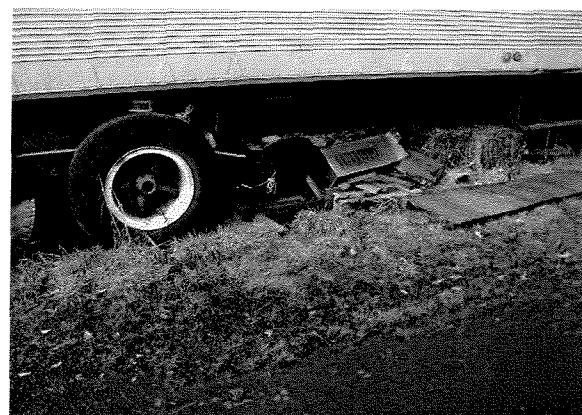


Photo 4-10: New oil buckets located adjacent to the Subject Property (Melville dinner train staging area).



Photo 4-11: Concrete utility vault associated with oil control valves located on the Subject Property.

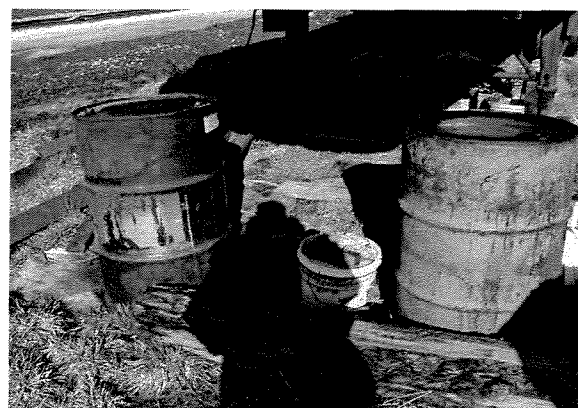


Photo 4-12: Used oil drums located adjacent to the Subject Property.

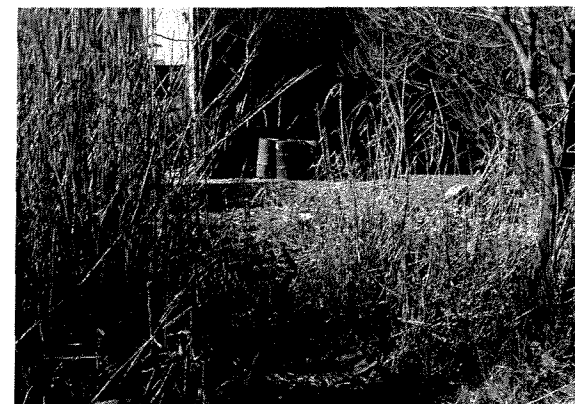


Photo 5-1: 55-gallons drums located adjacent to the Subject Property.



Photo 5-2: Overturned plastic barrels located on the Subject Property.



Photo 5-3: An Abandoned engine located within the Subject Property.



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## Segment 4 Site Photographs

AQUIDNECK ISLAND RAIL  
PORTSMOUTH, RHODE ISLAND

Source: LBG

PH1 Aquidneck.ppt

May 2002



RHODE ISLAND DEPARTMENT OF  
TRANSPORTATION

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## Segment 5 Site Photographs

AQUIDNECK ISLAND RAIL  
NEWPORT, RHODE ISLAND

Source: LBG

PH1 Aquidneck.ppt

May 2002





Photo 6-1: An abandoned gasoline container at the southwest corner of the intersection of Stringham Road.



Photo 6-2: Overturned plastic barrels located southwest corner of the intersection of Stringham Road.



Photo 6-3: An Abandoned 55-gallon drum located at southwest corner of the intersection of Stringham Road.



Photo 6-4: An Abandoned propane gas tank located southwest corner of the intersection of Stringham Road.



Photo 6-5: Typical concrete box located along the Subject Property in Newport, Middletown, and Portsmouth.

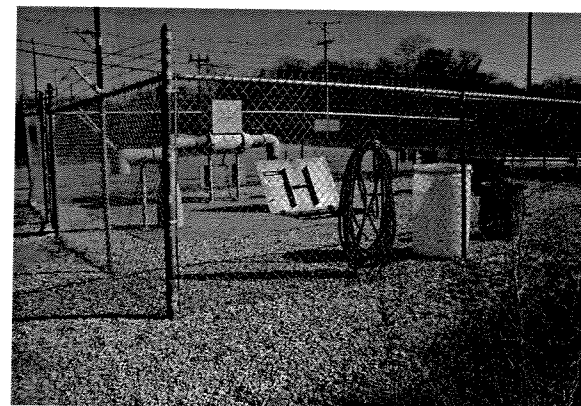


Photo 6-6: An utility underground vault located within the Subject Property.

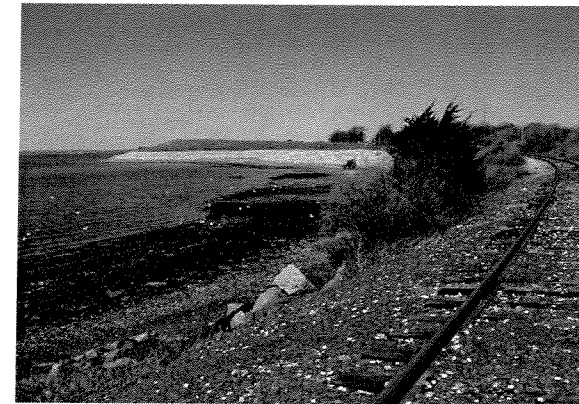


Photo 6-7: Newly capped McAllister Landfill with new rip-rap (white strip) located adjacent to the Subject Property.



Photo 6-8: A solidified mass of molten metal situated adjacent to the west rail.



Photo 6-9: Leakage from the above ground piping system onto the Subject Property (area 1).



Photo 6-10: Leakage from the above ground piping system onto the Subject Property (area 2).



Photo 6-11: An abandoned AST located within the Subject Property.

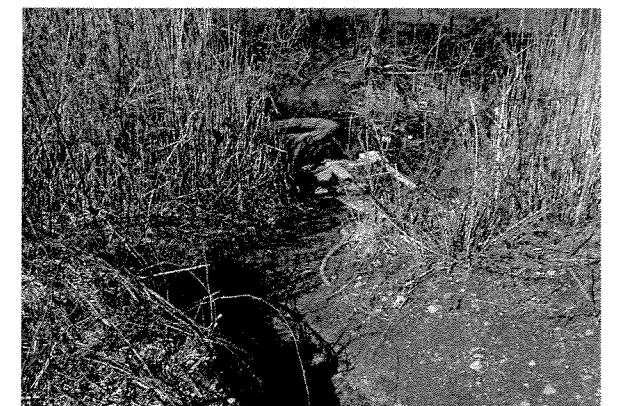


Photo 6-12: Solid waste at milepost 1.1 of the Subject Property.



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## Segment 6 Site Photographs

**AQUIDNECK ISLAND RAIL  
PORTSMOUTH, MIDDLETOWN, AND NEWPORT  
RHODE ISLAND**

Source: LBG

PH1 Aquidneck.ppt

May 2002



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## Segment 6 Site Photographs

**AQUIDNECK ISLAND RAIL  
PORTSMOUTH, MIDDLETOWN, AND NEWPORT  
RHODE ISLAND**

Source: LBG

PH1 Aquidneck.ppt

May 2002



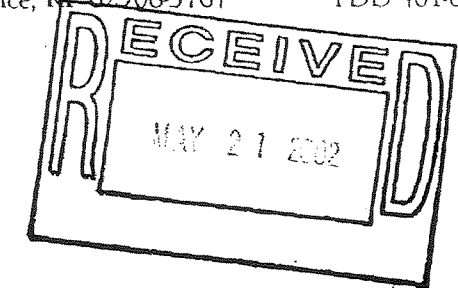
**APPENDIX C**  
**CORRESPONDENCE WITH RHODE ISLAND**  
**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
Letter received from Rhode Island Natural Heritage Program



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-831-5508



Bryan J. Wolfenden  
The Louis Berger Group, Inc.  
295 Promenade Street  
Providence, RI 02908

May 20, 2002

RE: Aquidneck Rail and Bike Path Feasibility Study  
Aquidneck Island and Town of Tiverton, RI

Dear Bryan:

Thank you for contacting the Rhode Island Natural Heritage Program for information regarding the occurrence of threatened or endangered species and exemplary natural communities within the limits of the above-referenced project, as identified in your letter and map dated May 13, 2002.

We have had the opportunity to review this area for previous requests, including a contracted field review for all Navy properties, and determined there are no rare, threatened, or endangered species, or exemplary natural communities within the project area. As our inventory is ongoing, more information may become available in the future; however, I foresee no need for permitting or additional review.

If I can provide any additional information regarding this review, please contact me at (401) 222-2777, extension 4308.

Sincerely,

Richard W. Enser, Coordinator  
RI Natural Heritage Program